

1 5 10 15 20 25 30 35  
M C W R P L C R F L W L W S Y L S Y V Q A V P I Q K V Q D D T K T L I  
1 \_\_\_\_\_ 21  
SIGNAL SEQUENCE 21 \_\_\_\_\_ 35  
31 \_\_\_\_\_  
40 45 50 55 60 65 70  
K T I V T R I N D I S H T Q S V S A K Q R V T G L D F I P G L H P I L  
\_\_\_\_\_ 45  
41 \_\_\_\_\_ 55  
51 \_\_\_\_\_ 65  
61 \_\_\_\_\_  
75 80 85 90 95 100 105  
S L S K M D Q T L A V Y Q Q V L T S L P S Q N V L Q I A N D L E N L R  
\_\_\_\_\_ 75  
71 \_\_\_\_\_ 85  
81 \_\_\_\_\_ 95  
91 \_\_\_\_\_ 105  
110 115 120 125 130 135 140  
D L L H L L A F S K S C S L P Q T S G L Q K P E S L D G V L E A S L Y  
106 \_\_\_\_\_ 120  
116 \_\_\_\_\_ 130  
126 \_\_\_\_\_ 140  
136 \_\_\_\_\_  
145 150 155 160 165  
S T E V V A L S R L Q G S L Q D I L Q Q L D V S P E C  
\_\_\_\_\_ 150  
146 \_\_\_\_\_ 160  
156 167

Fig. 1

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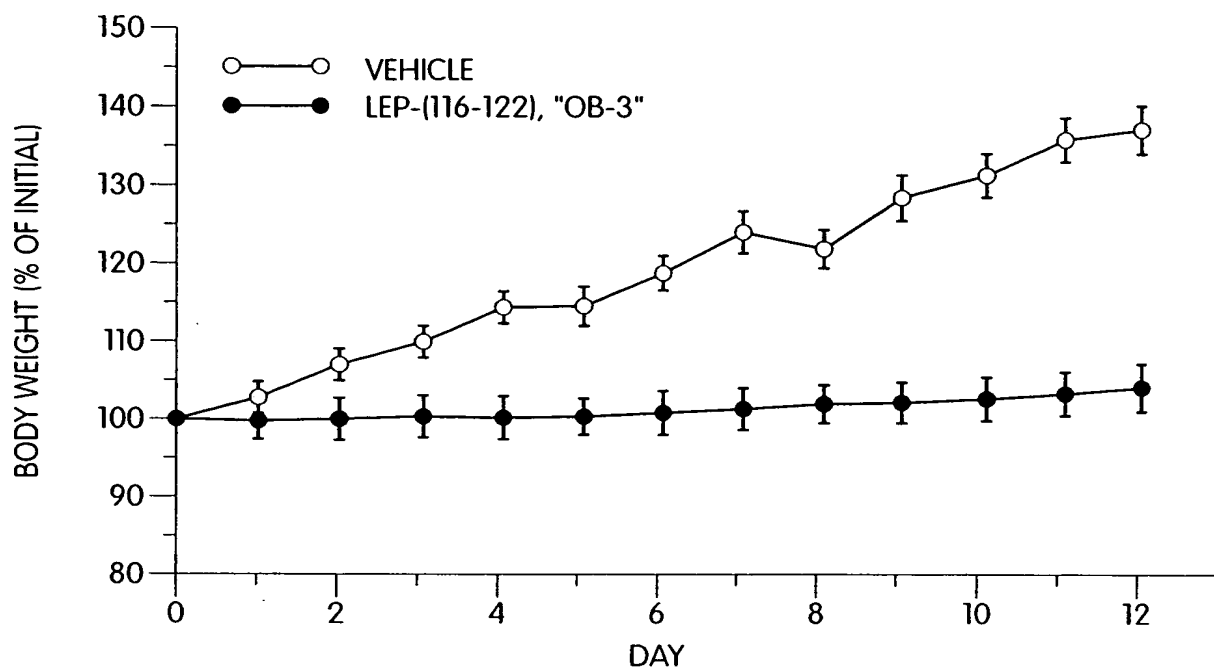


Fig. 2A

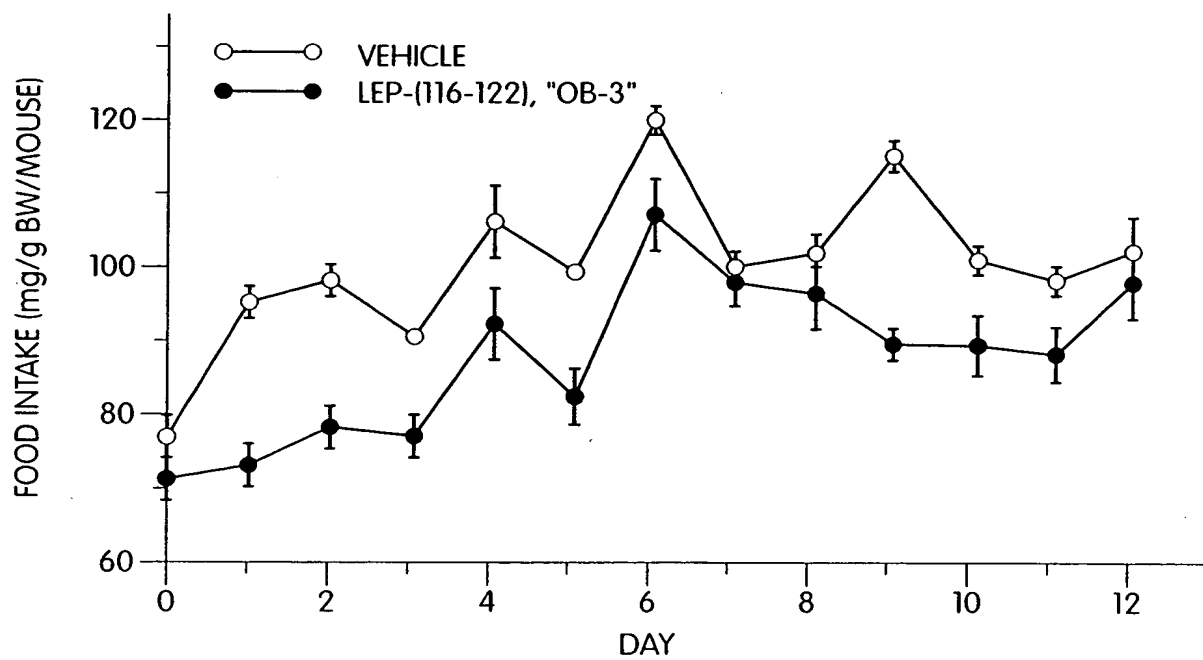


Fig. 2B

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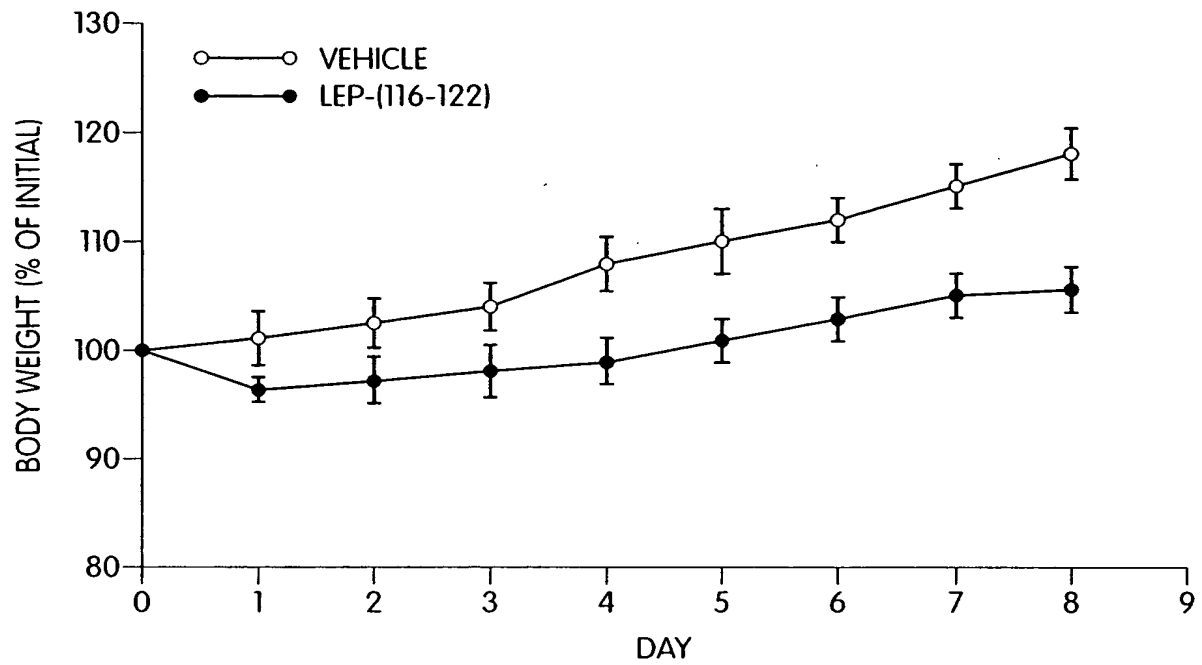


Fig. 3A

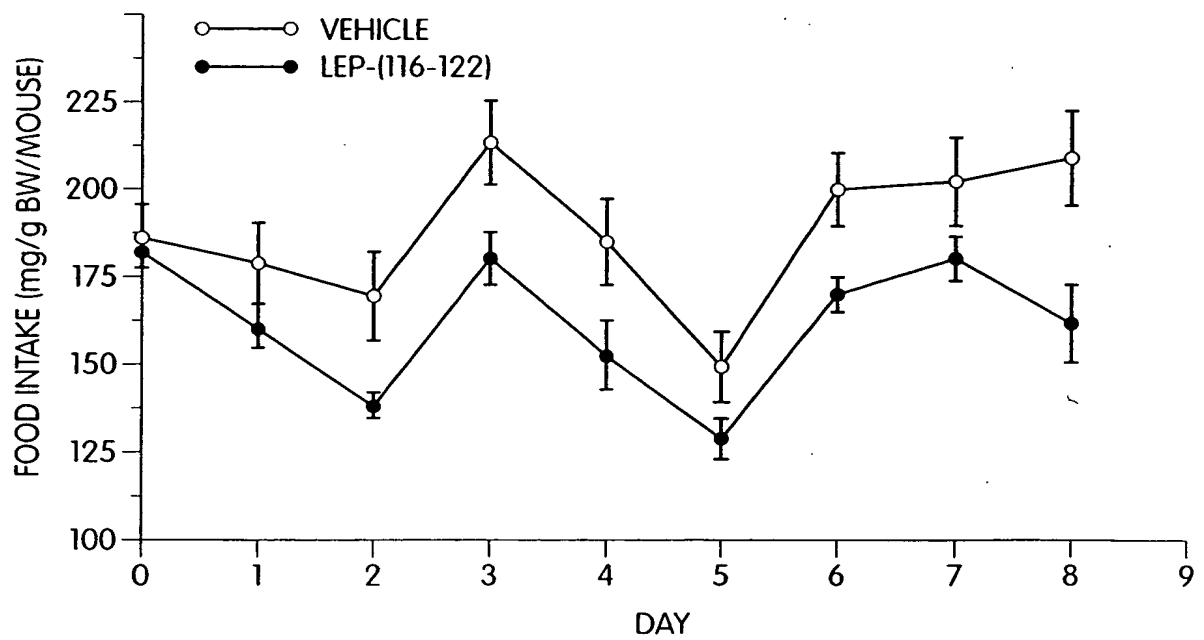


Fig. 3B

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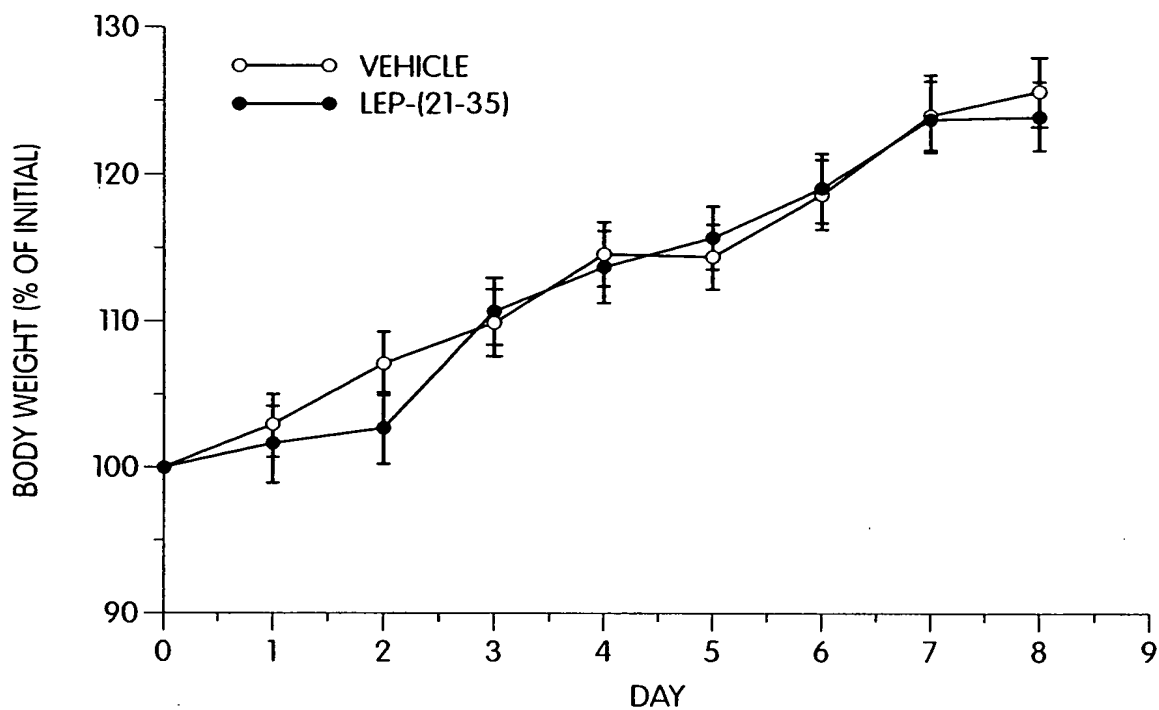


Fig. 4A

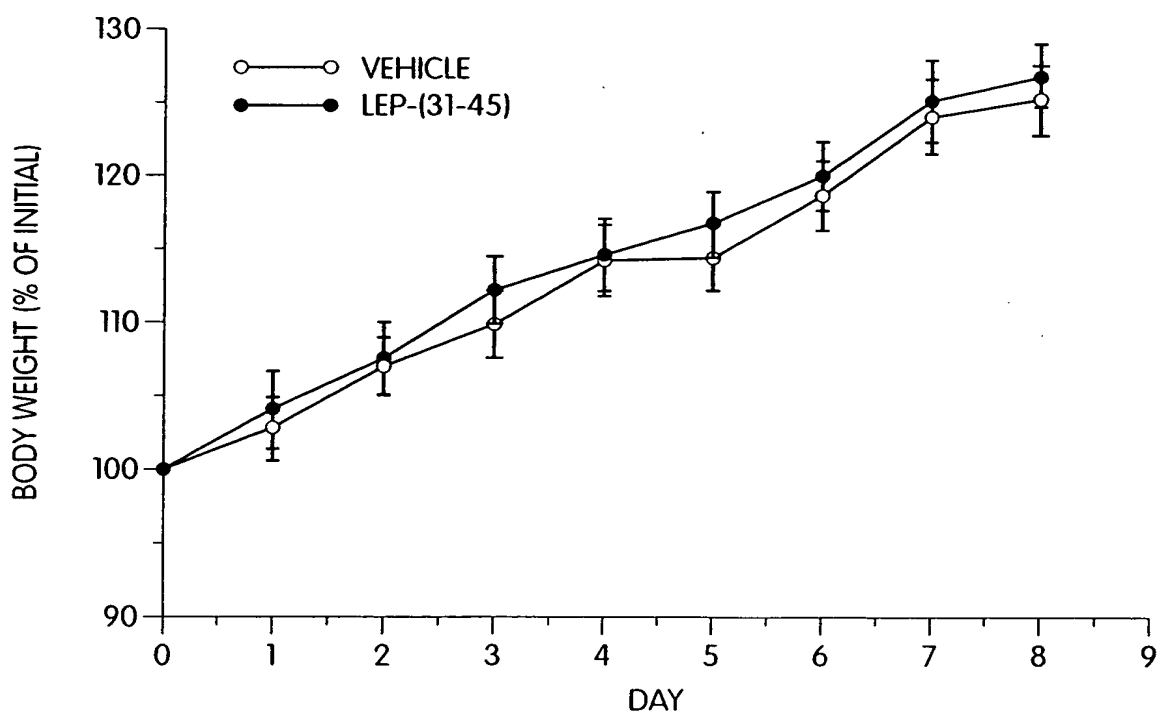


Fig. 4B

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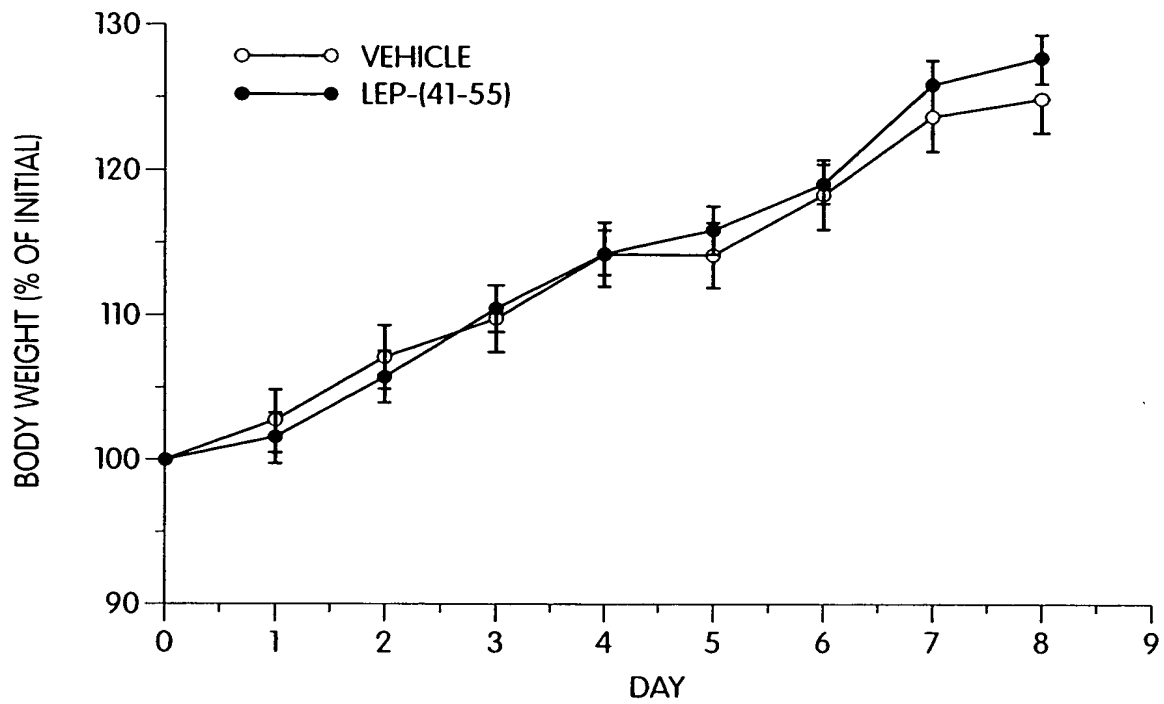


Fig. 4C

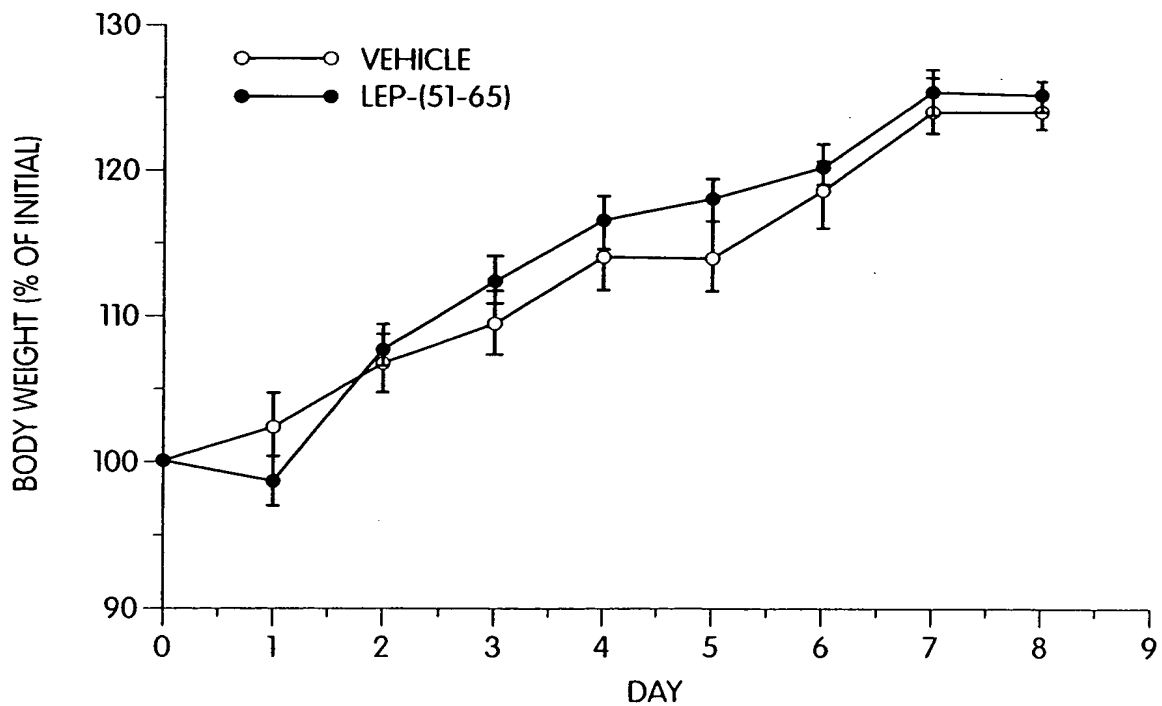


Fig. 4D

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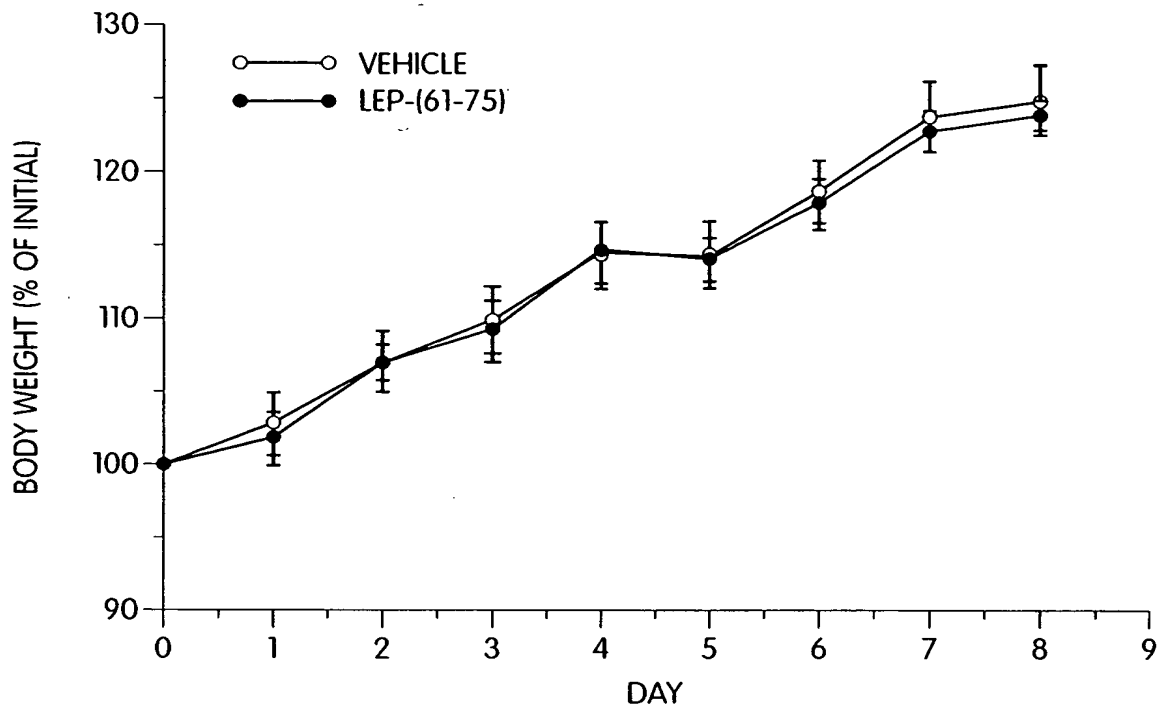


Fig. 4E

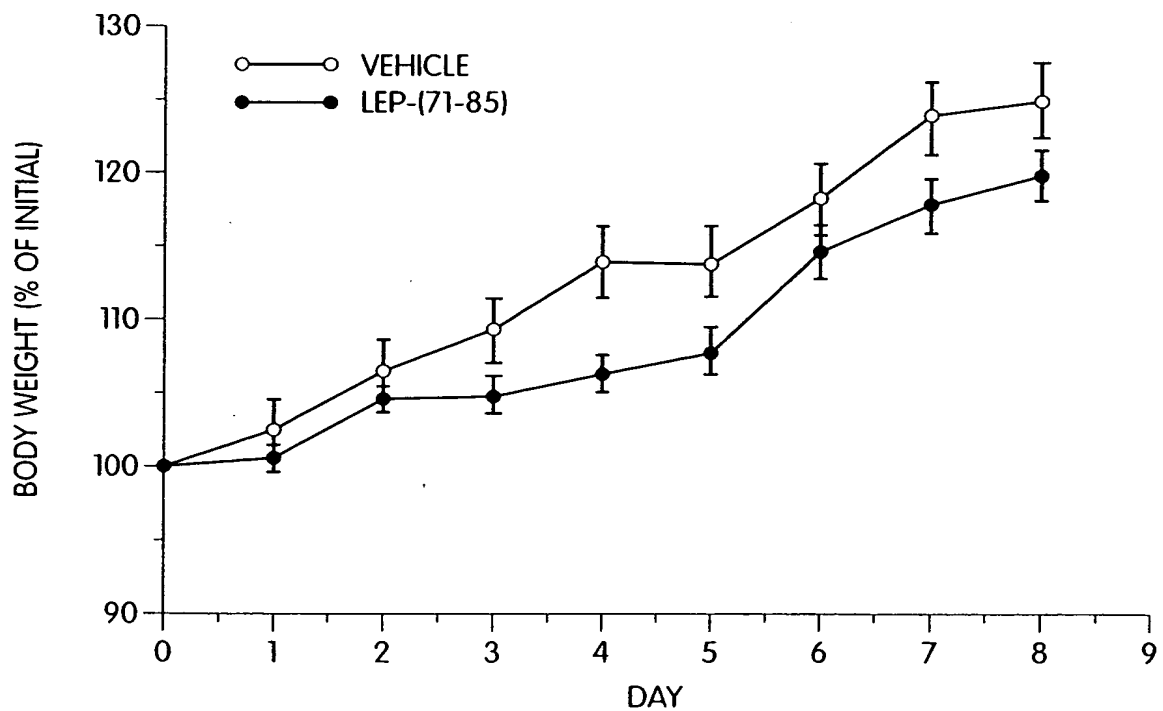


Fig. 4F

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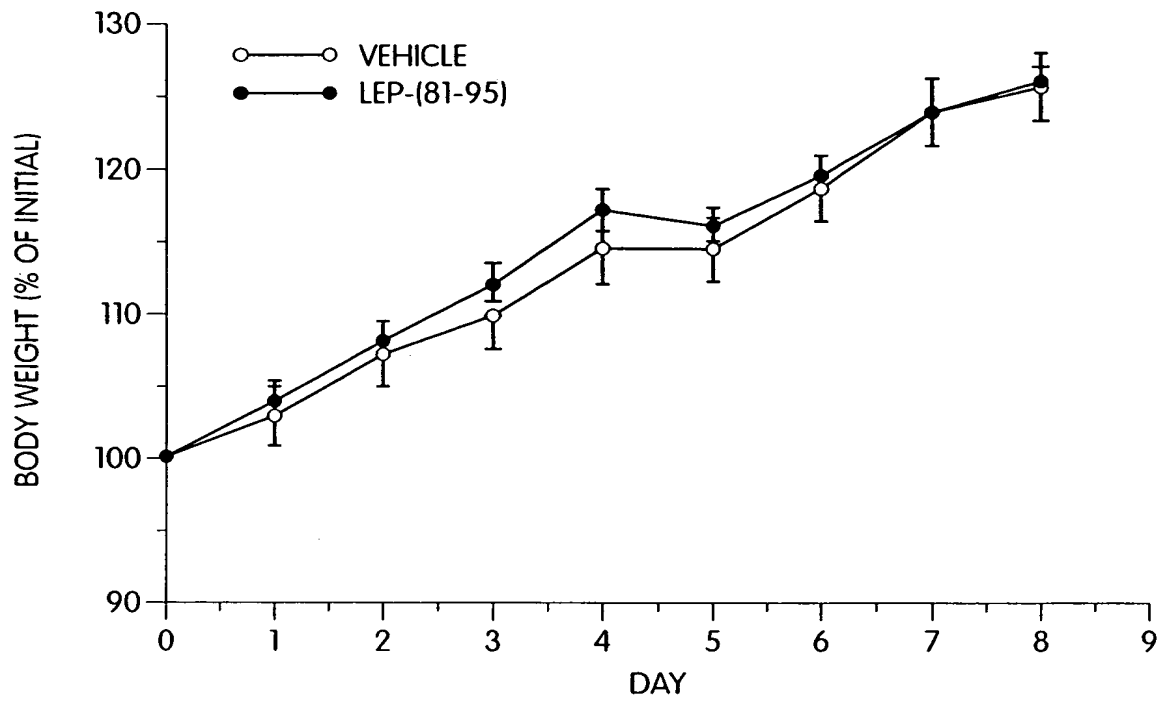


Fig. 4G

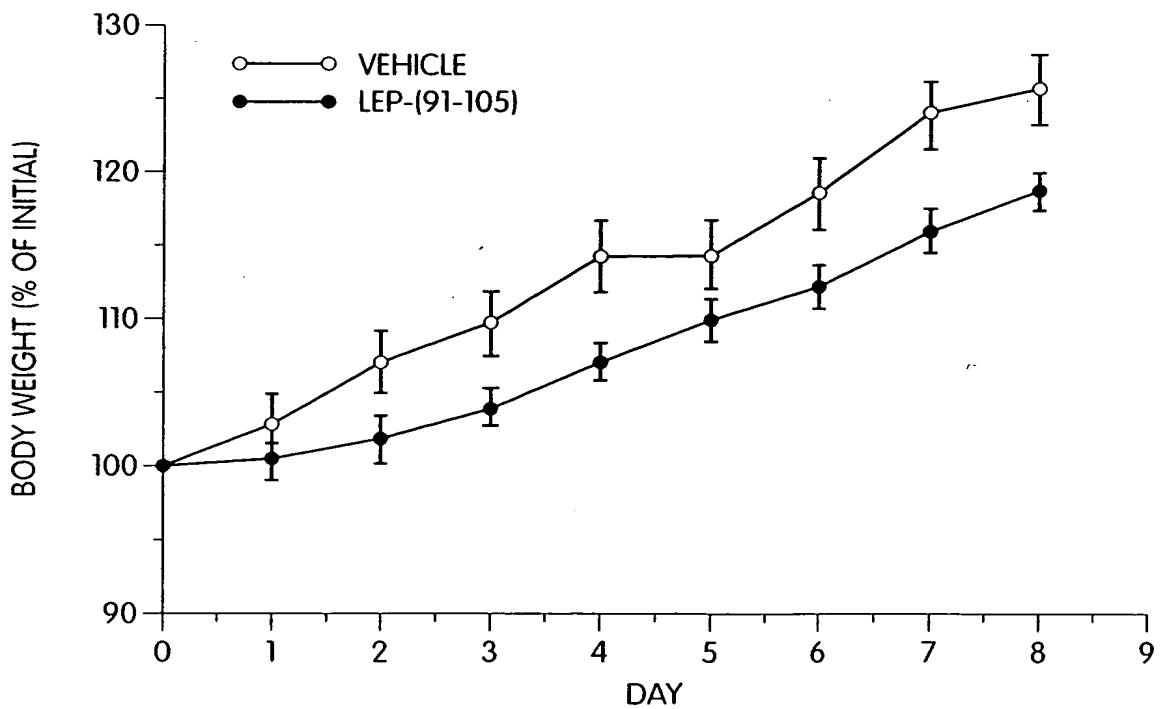


Fig. 4H

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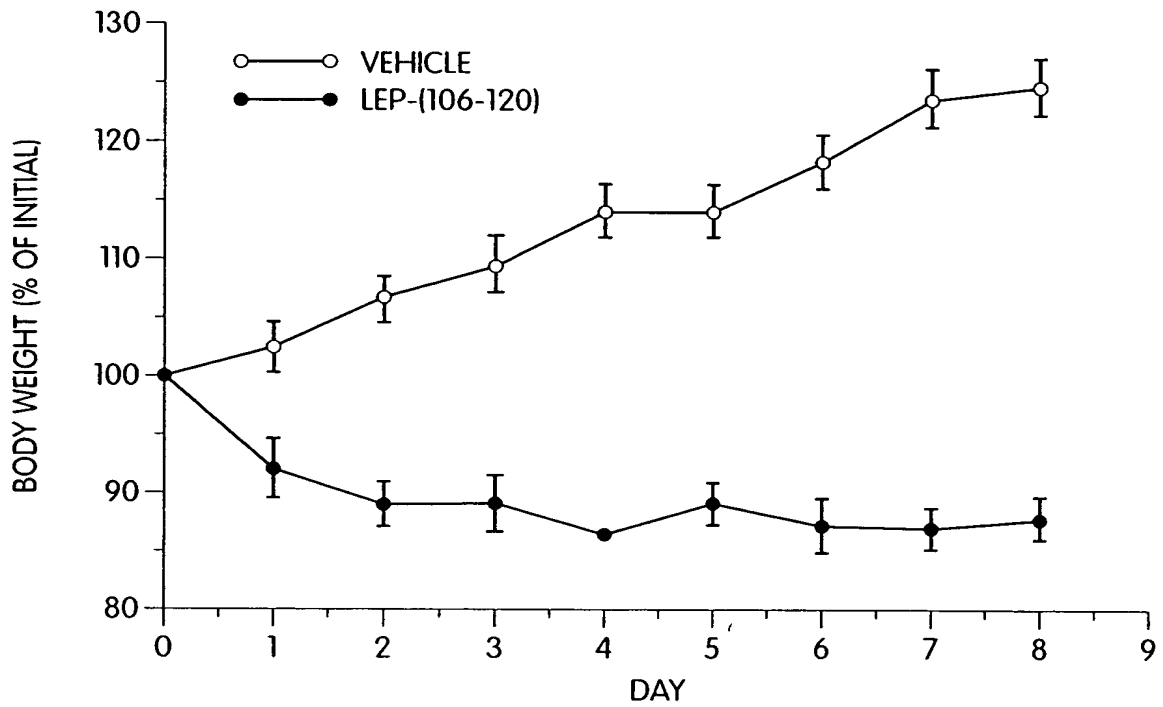


Fig. 4I

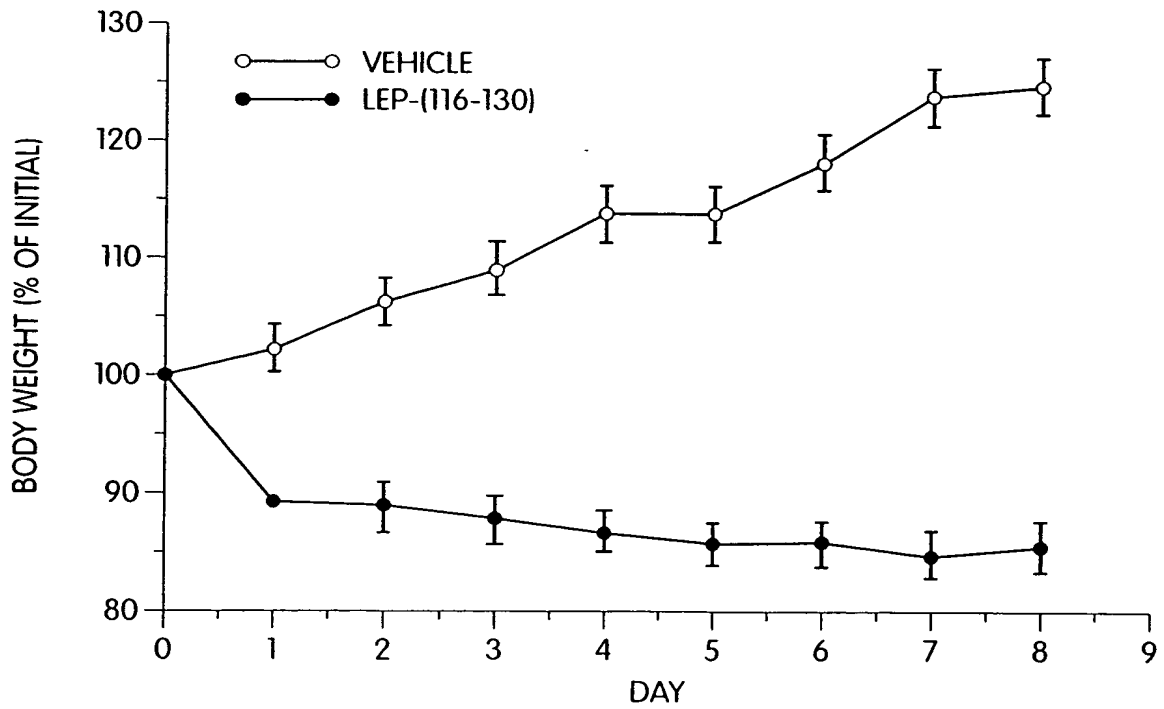


Fig. 4J



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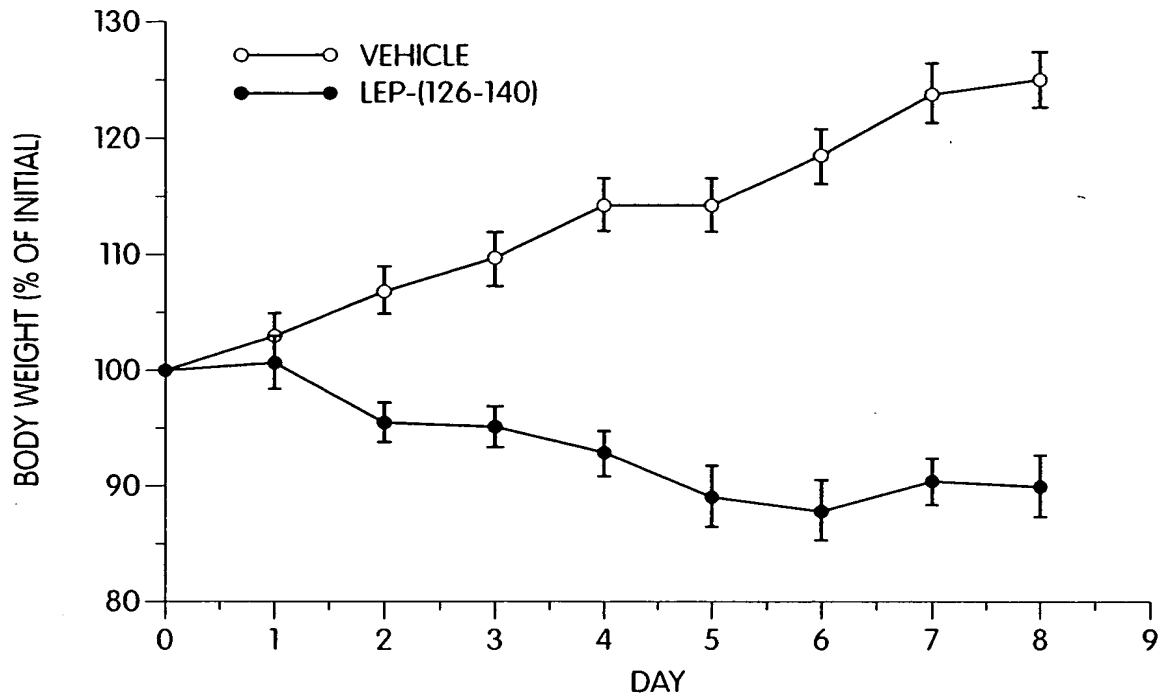


Fig. 4K

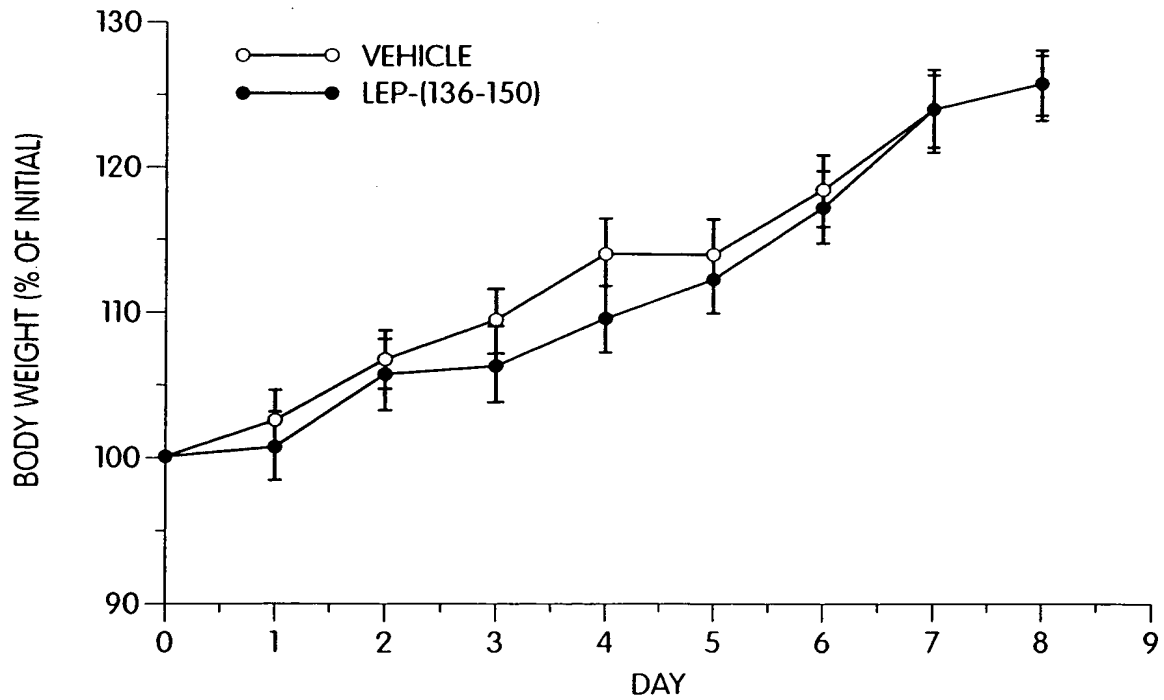


Fig. 4L

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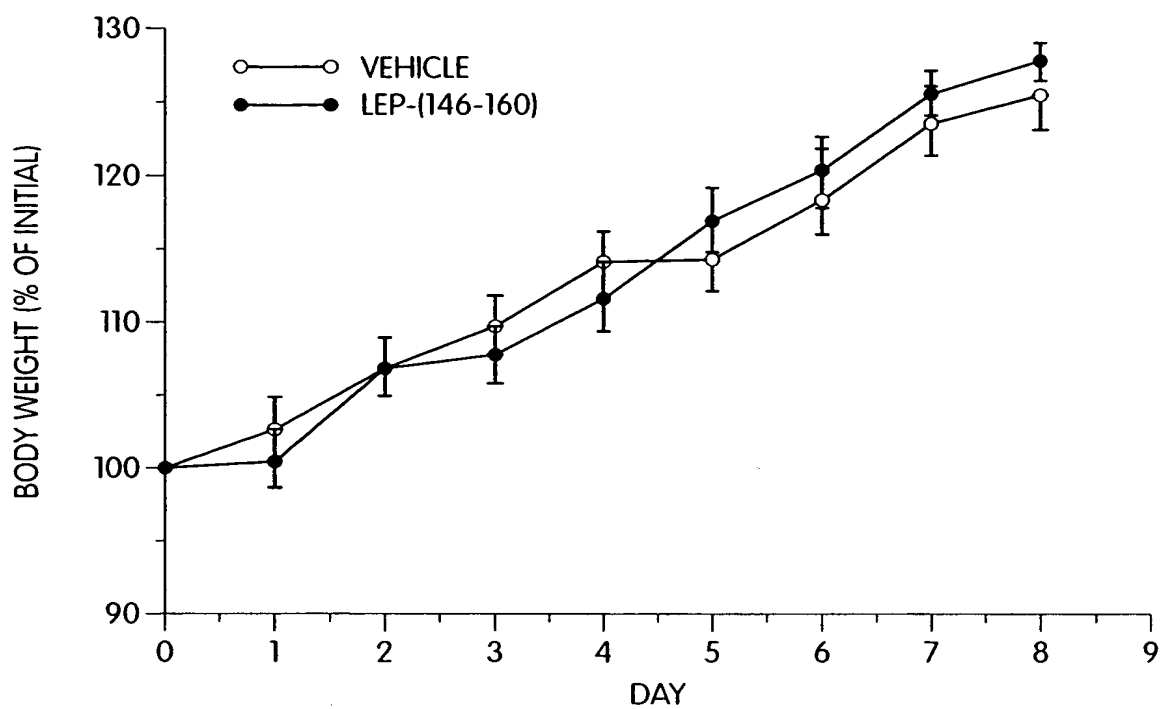


Fig. 4M

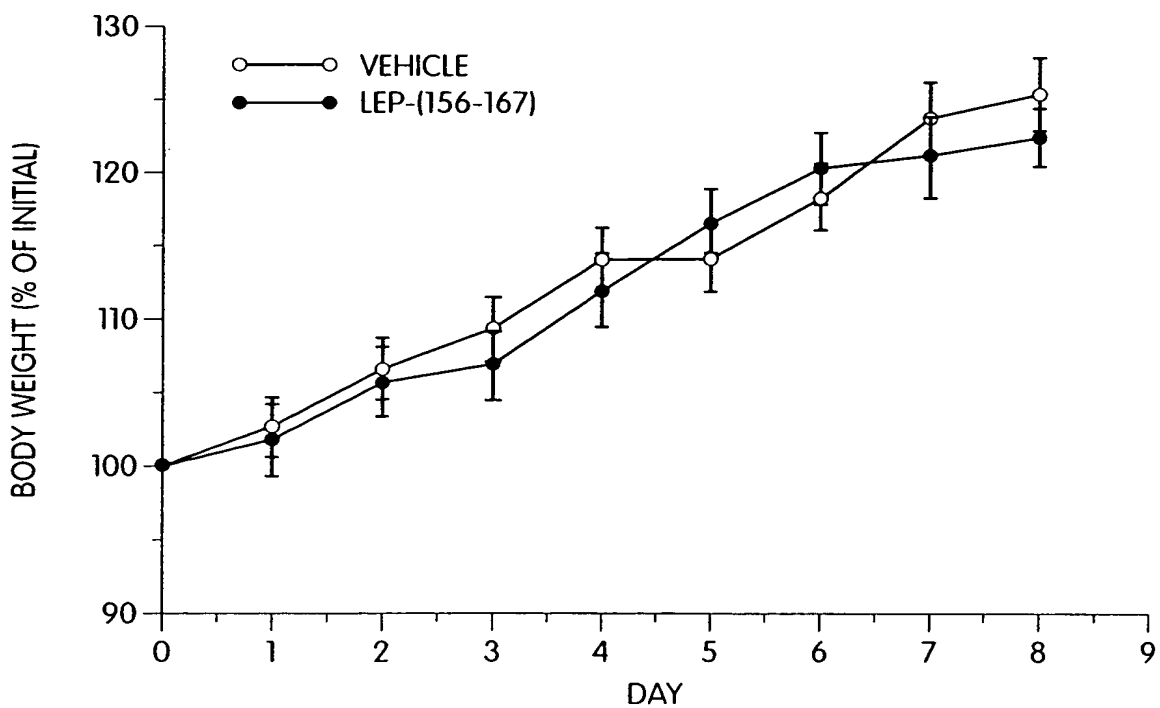


Fig. 4N

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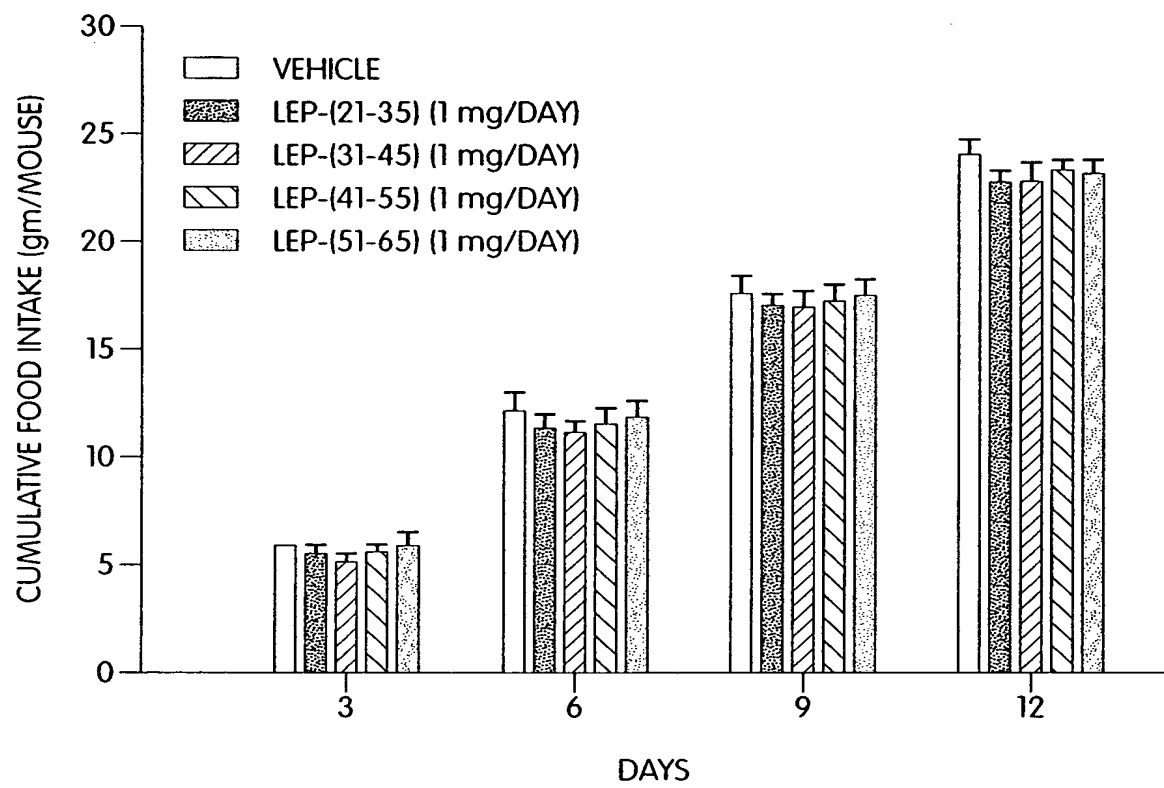


Fig. 5

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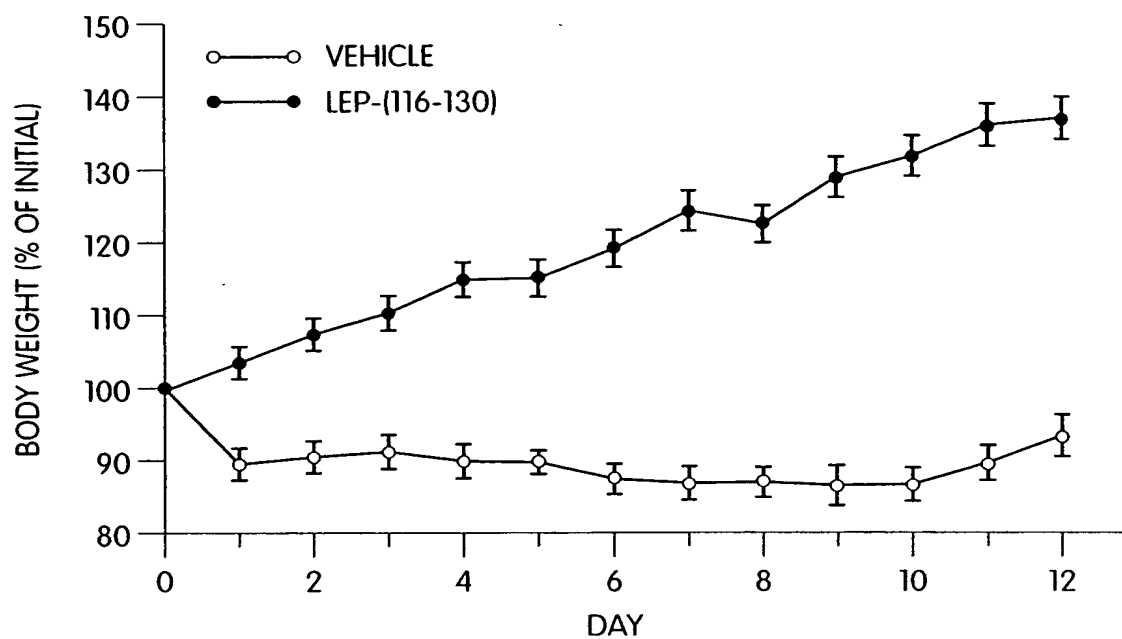


Fig. 6A

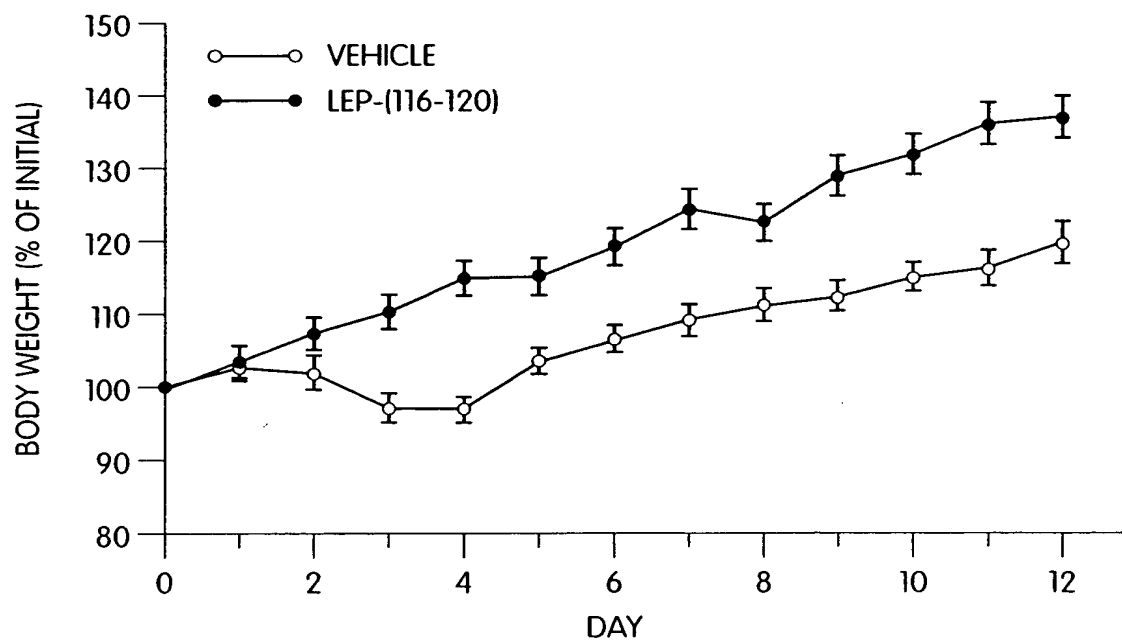


Fig. 6B

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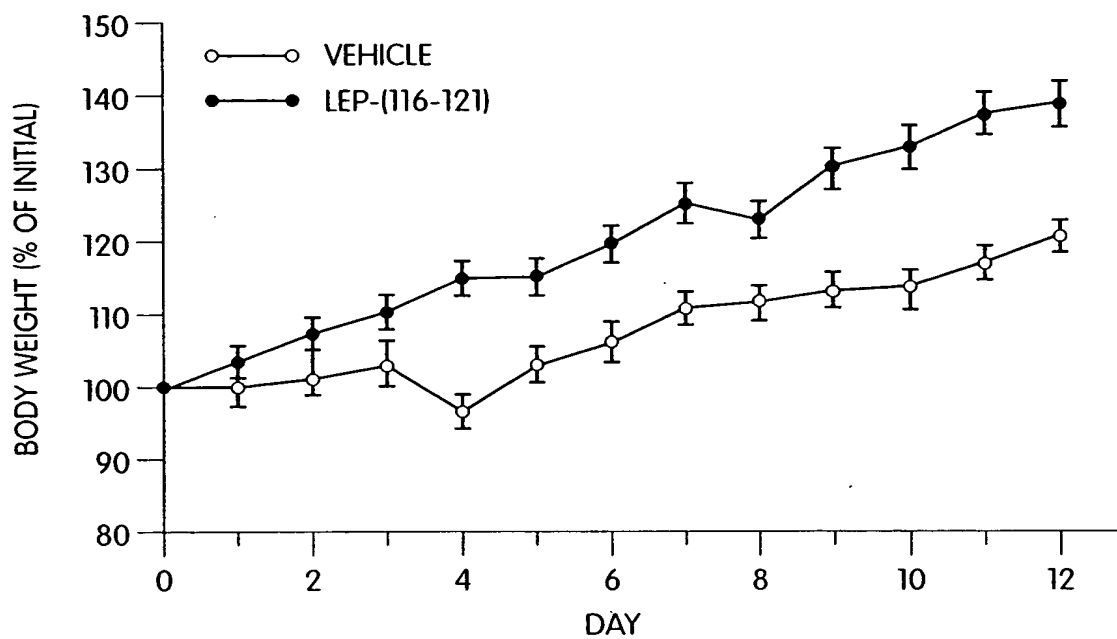


Fig. 6C

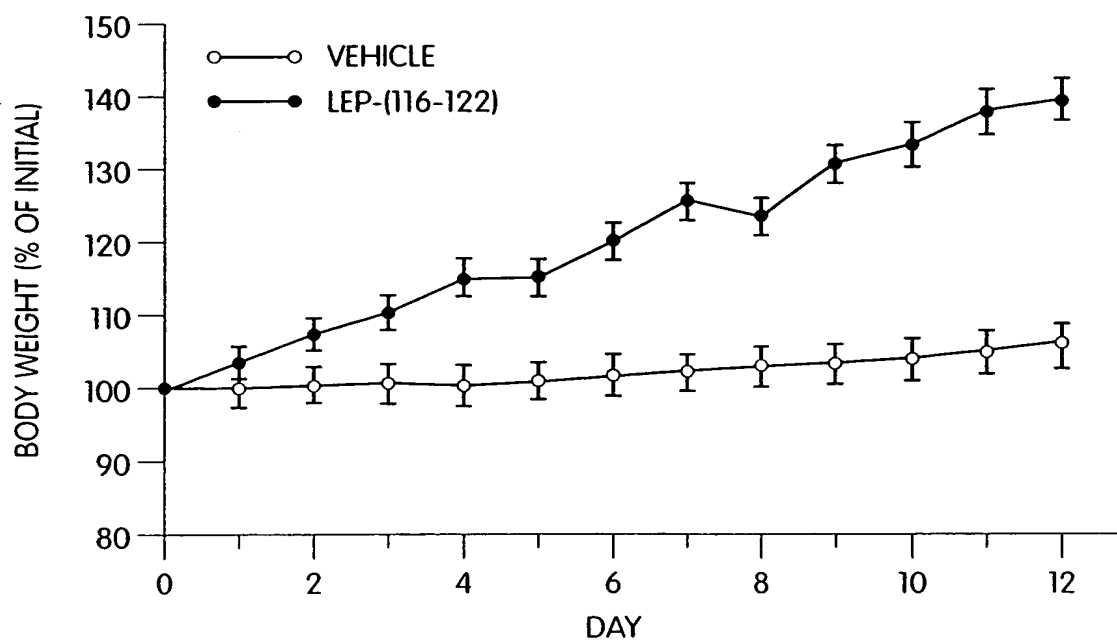


Fig. 6D

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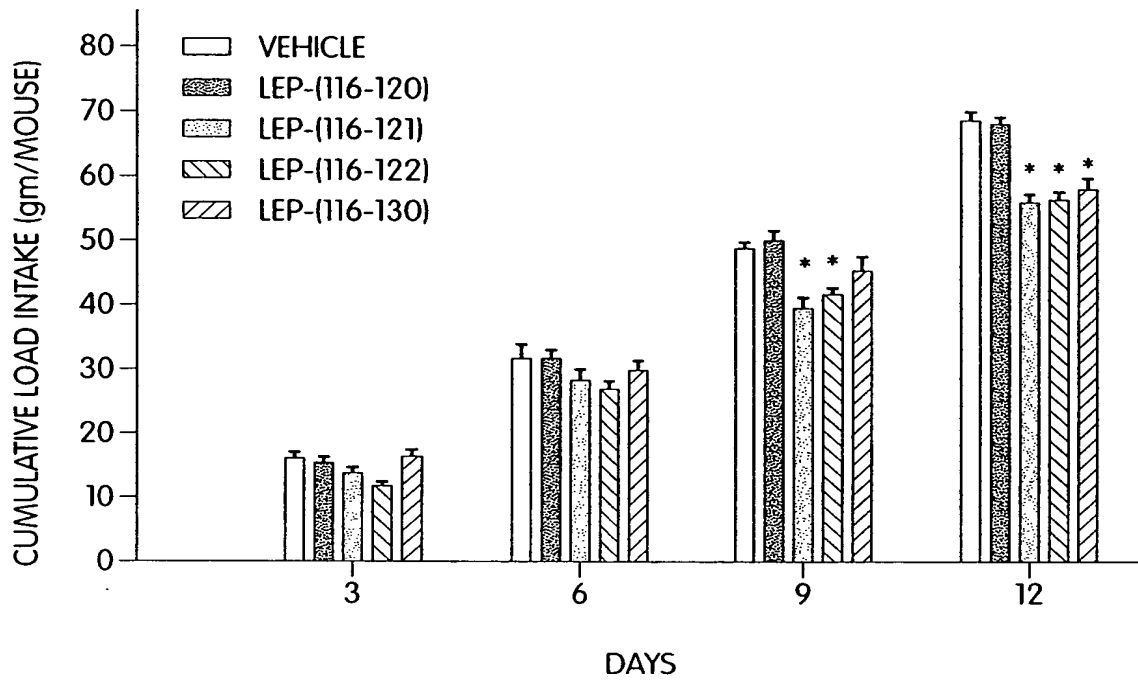


Fig. 7

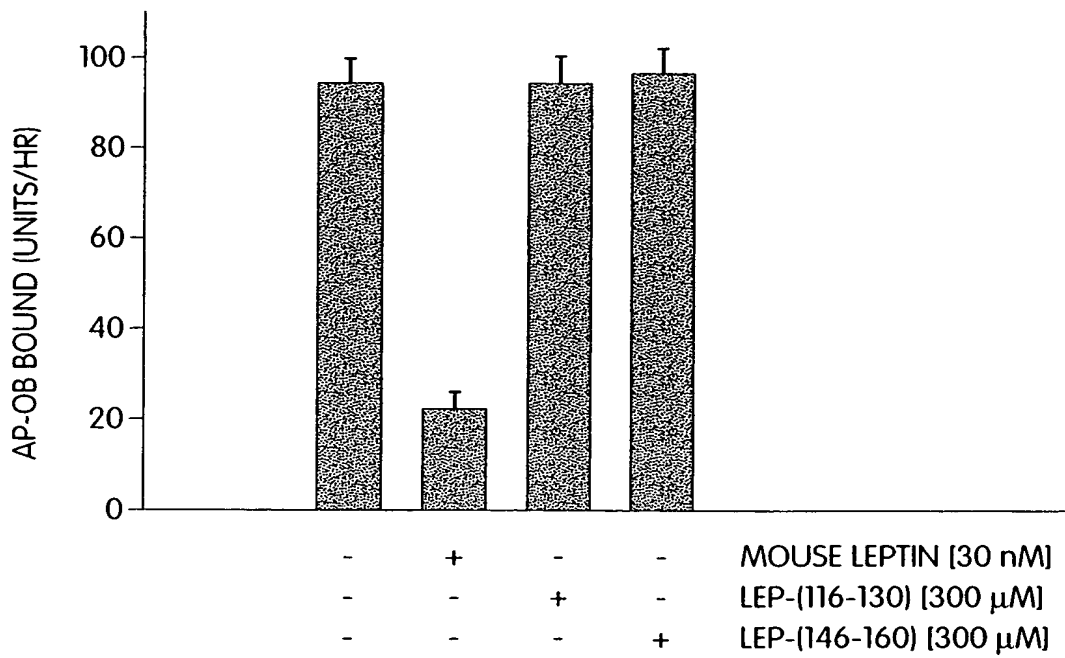


Fig. 8

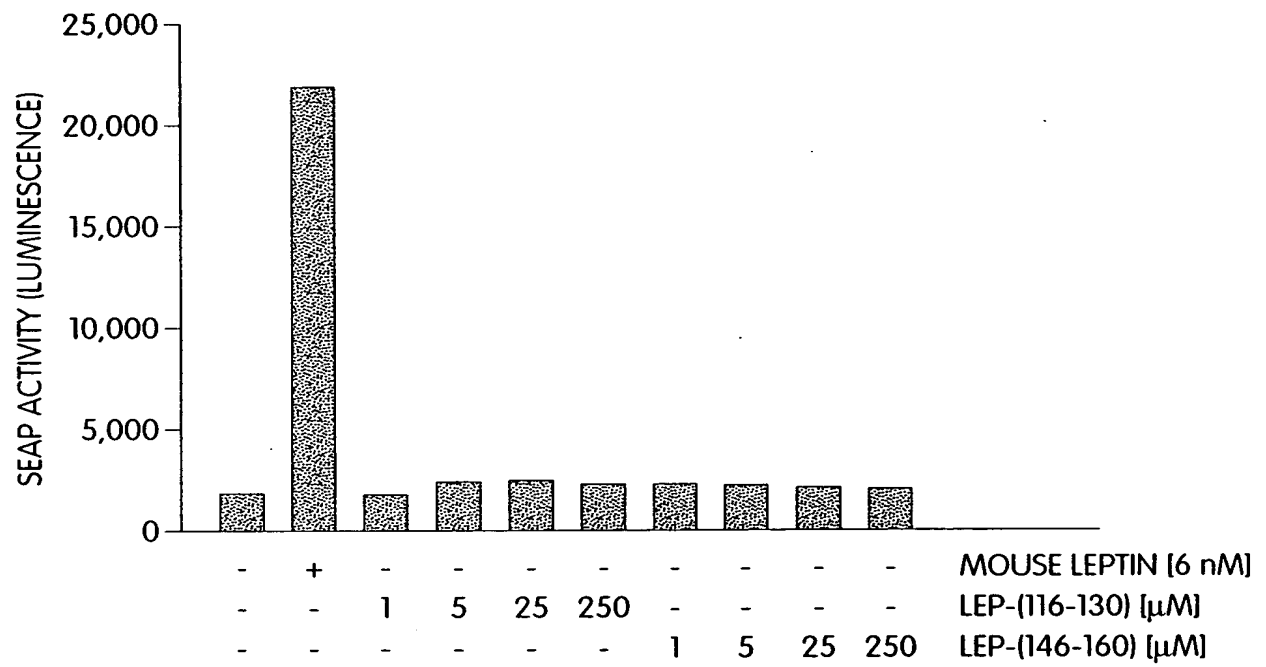


Fig. 9

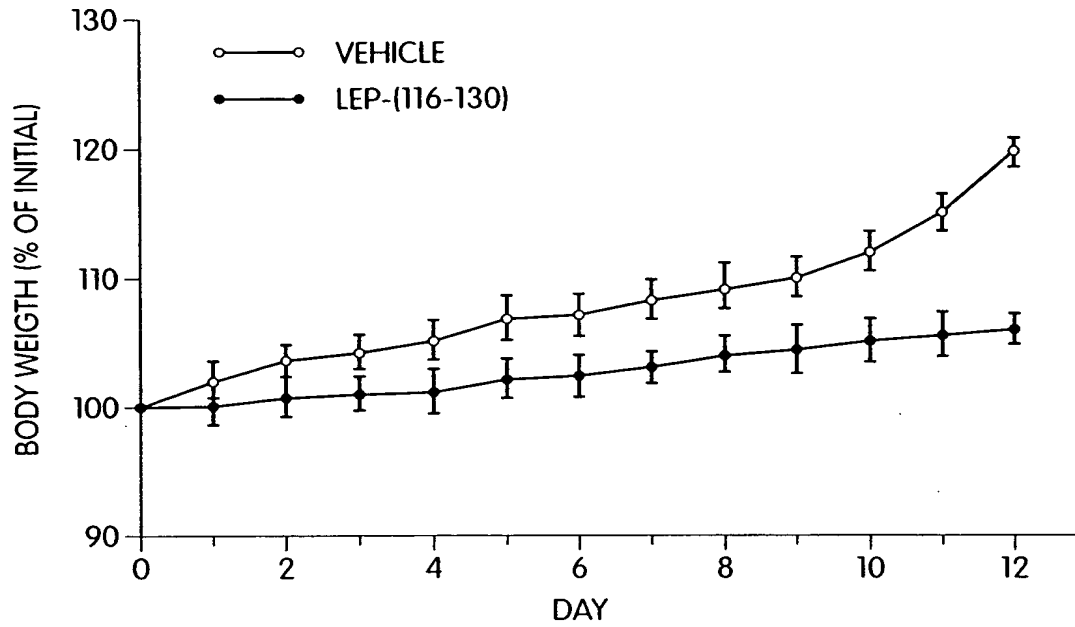


Fig. 10A

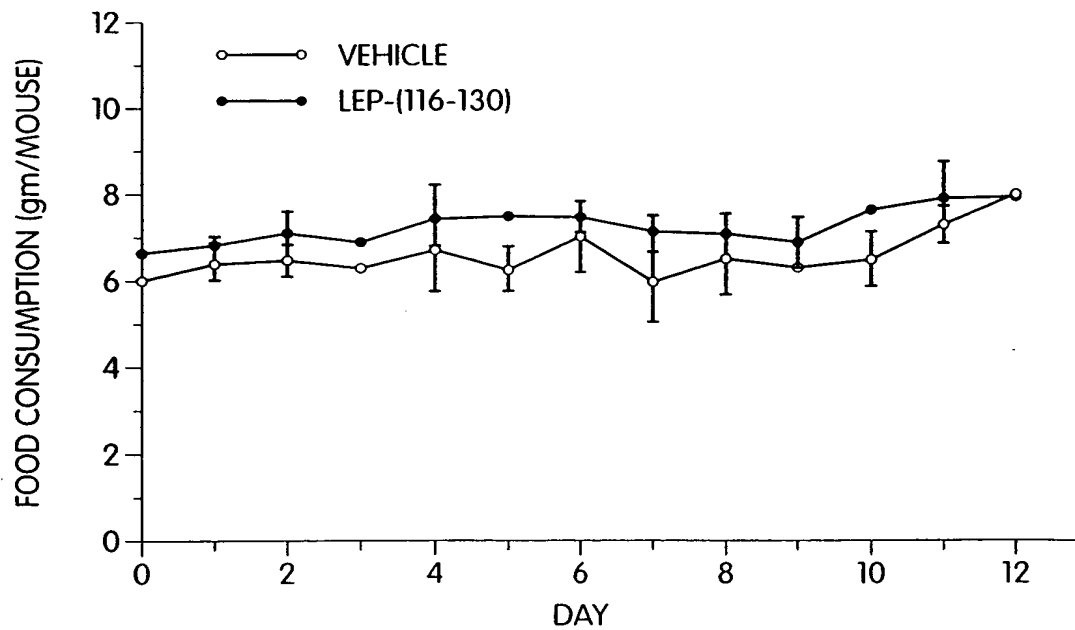


Fig. 10B



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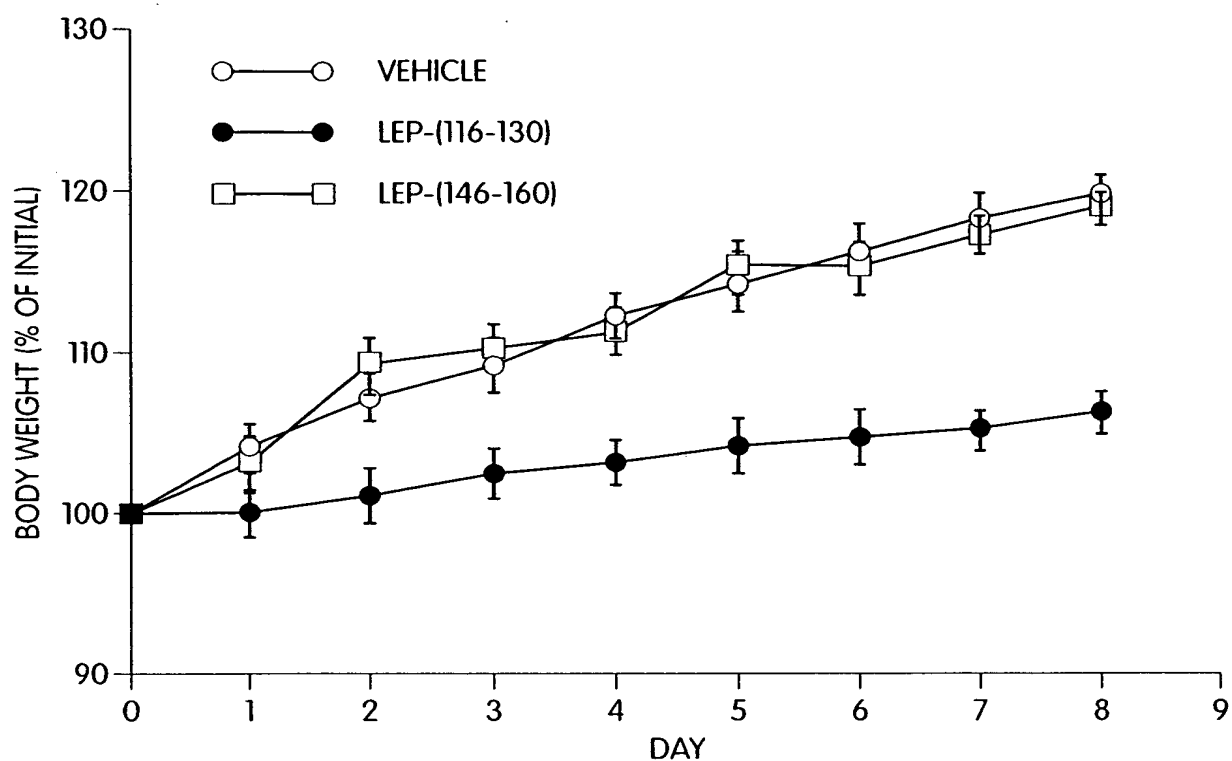


Fig. 11A

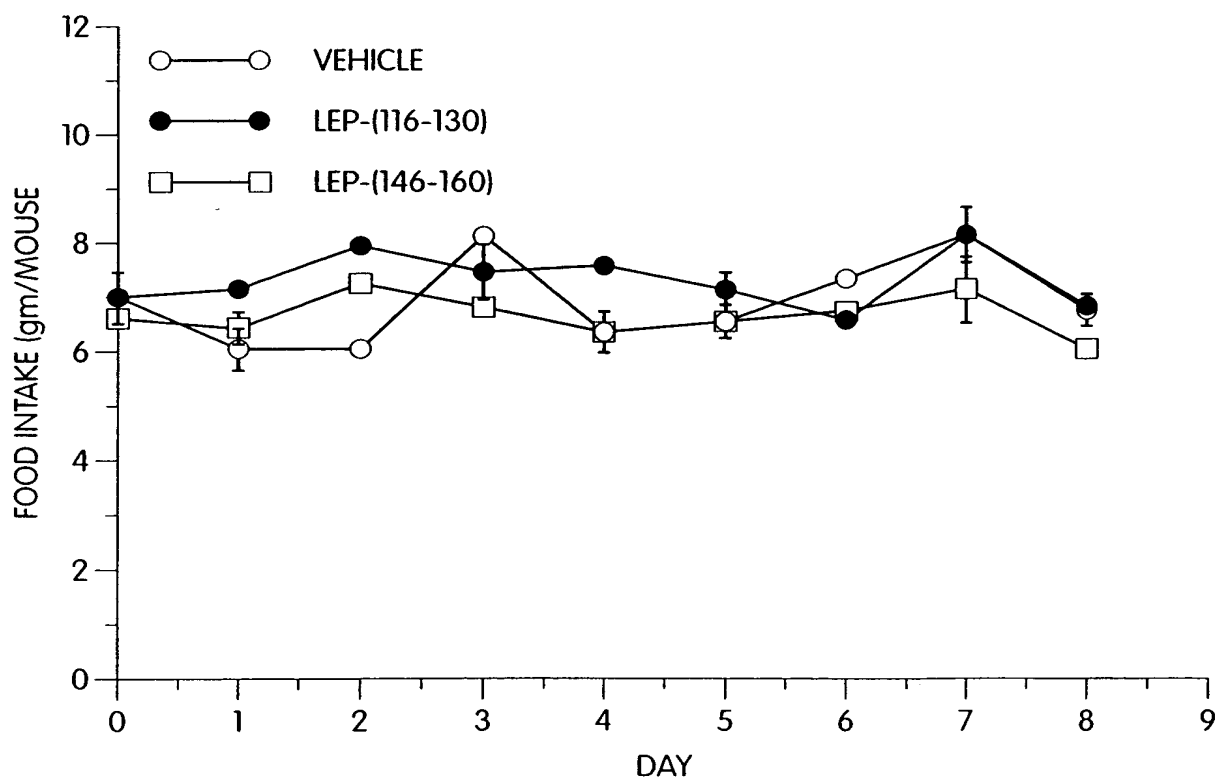


Fig. 11B

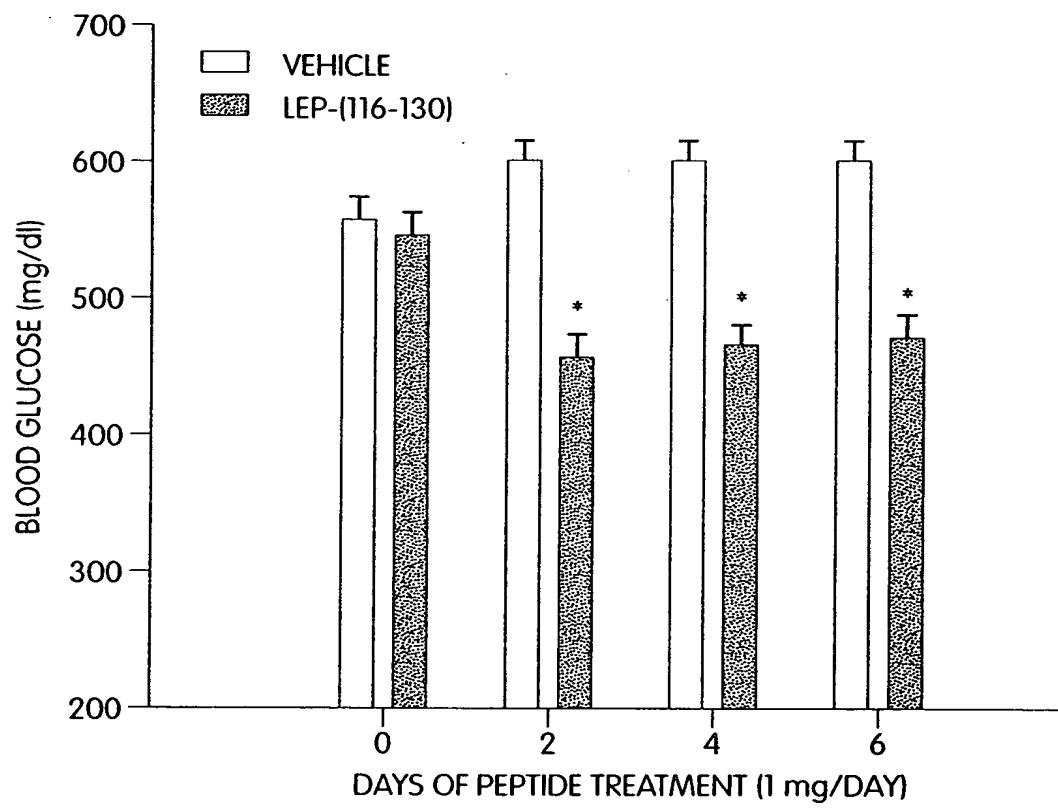


Fig. 12

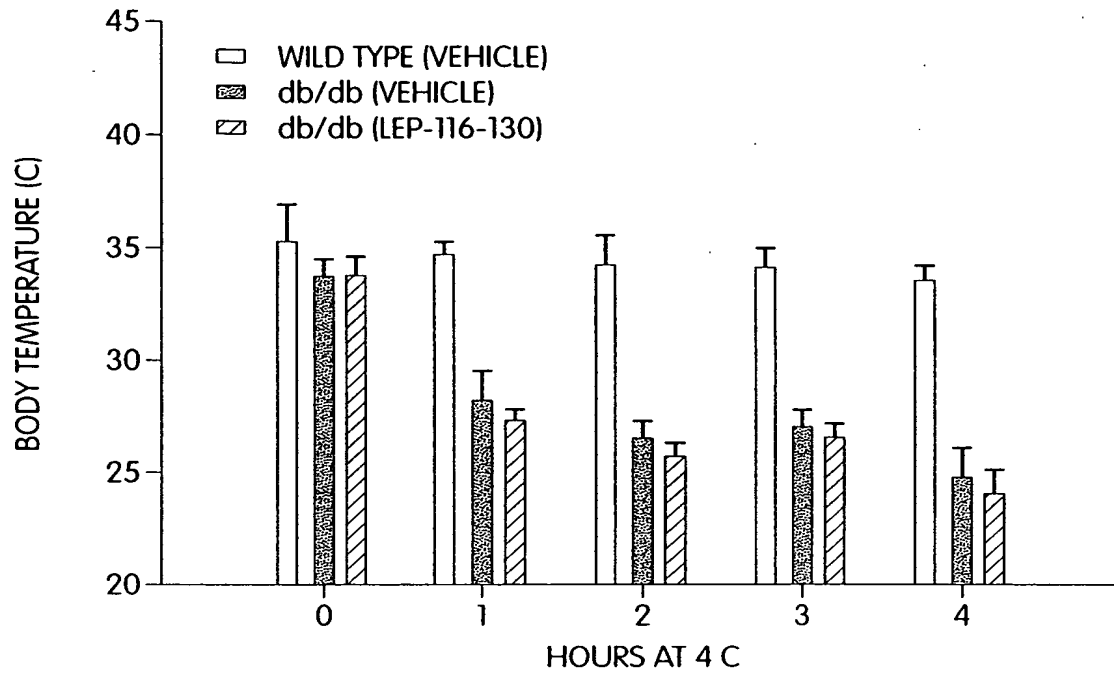


Fig. 13A

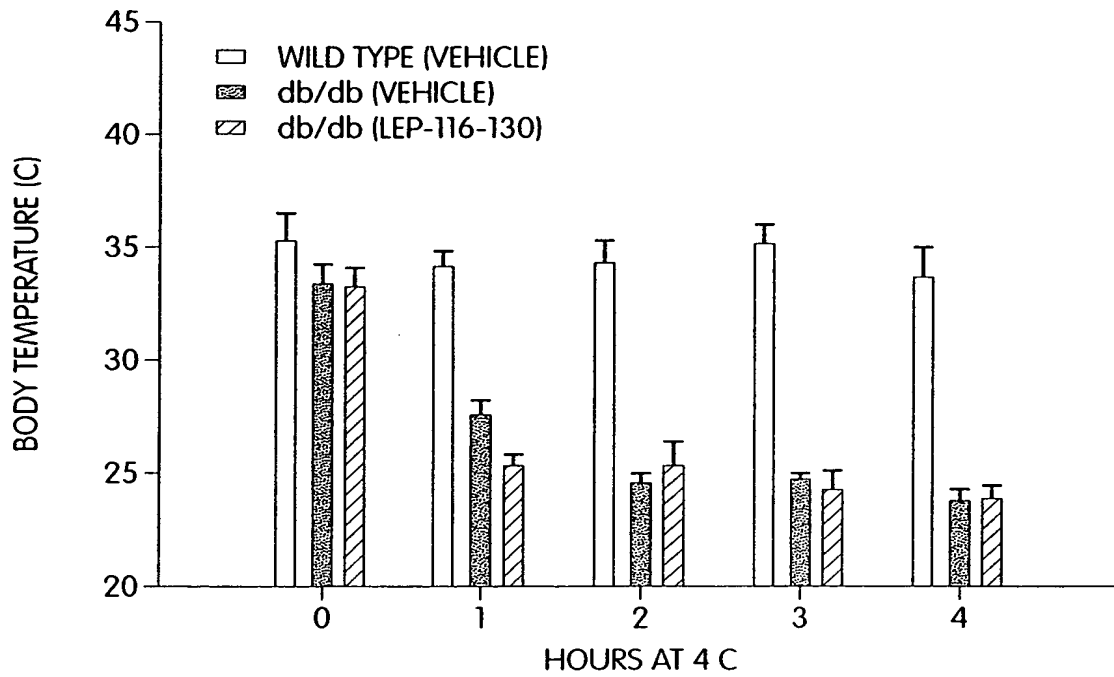


Fig. 13B

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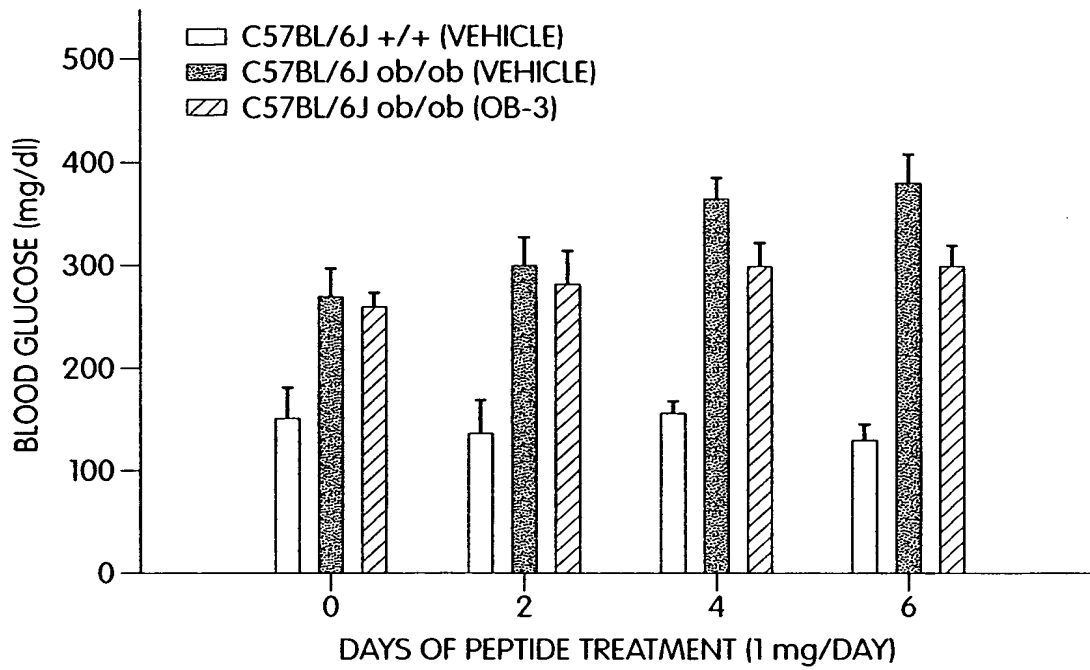


Fig. 14

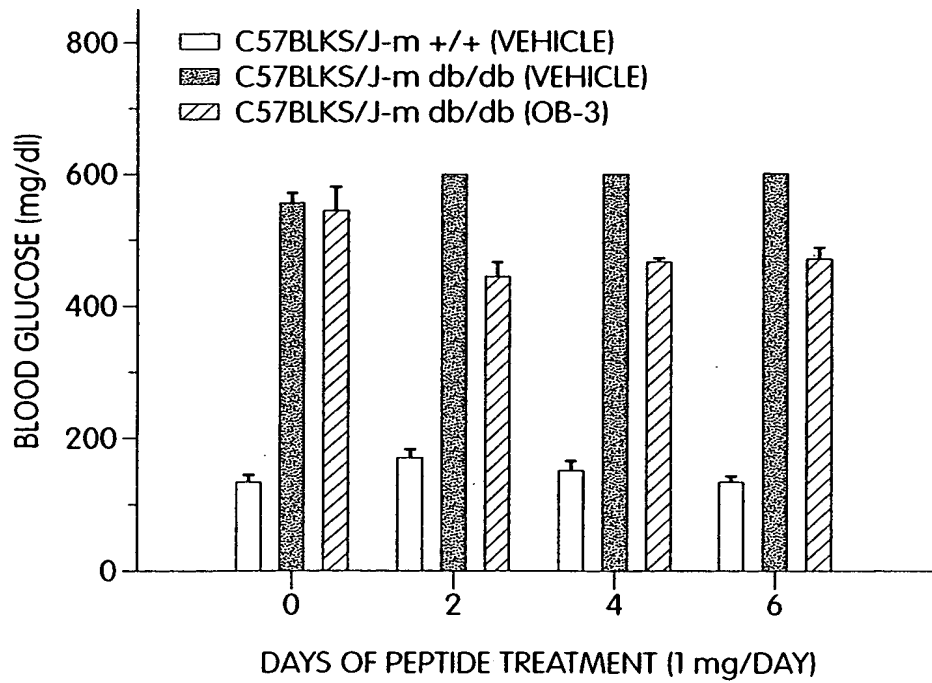


Fig. 15

M H W G T L C G F L W L W P Y L F Y V Q A V P I Q	25
K V Q D D T K T L I K T I V T R I N D I S H T Q S	50
V S S K Q K V T G L D F I P G L H P I L T L S K M	75
D Q T L A V Y Q Q I L T S M P S R N V I Q I S N D	100
L E N L R D L L H V L A F S K <u>S C H L P W A</u> S G L	125
E T L D S L G G V L E A S G Y S T E V V A L S R L	150
Q G S L Q D M L W Q L D L S P G C	167

Fig. 16

FIG. 17A

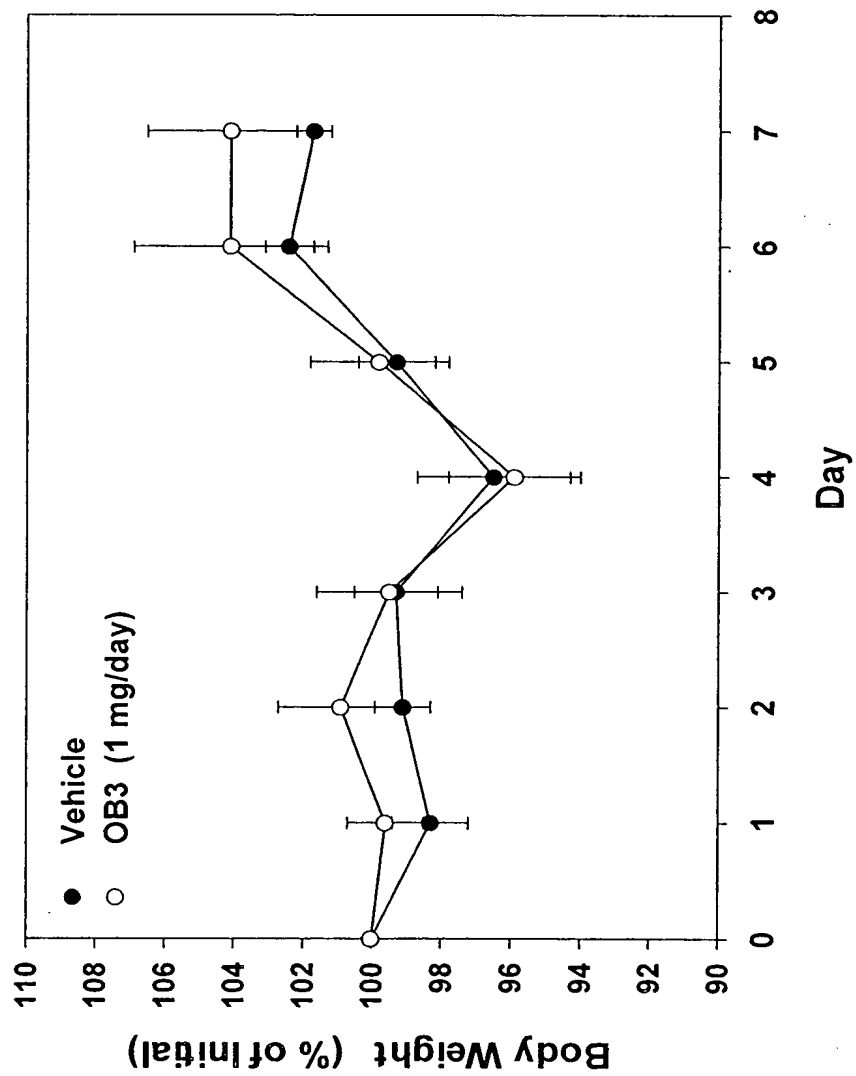


FIG. 17B

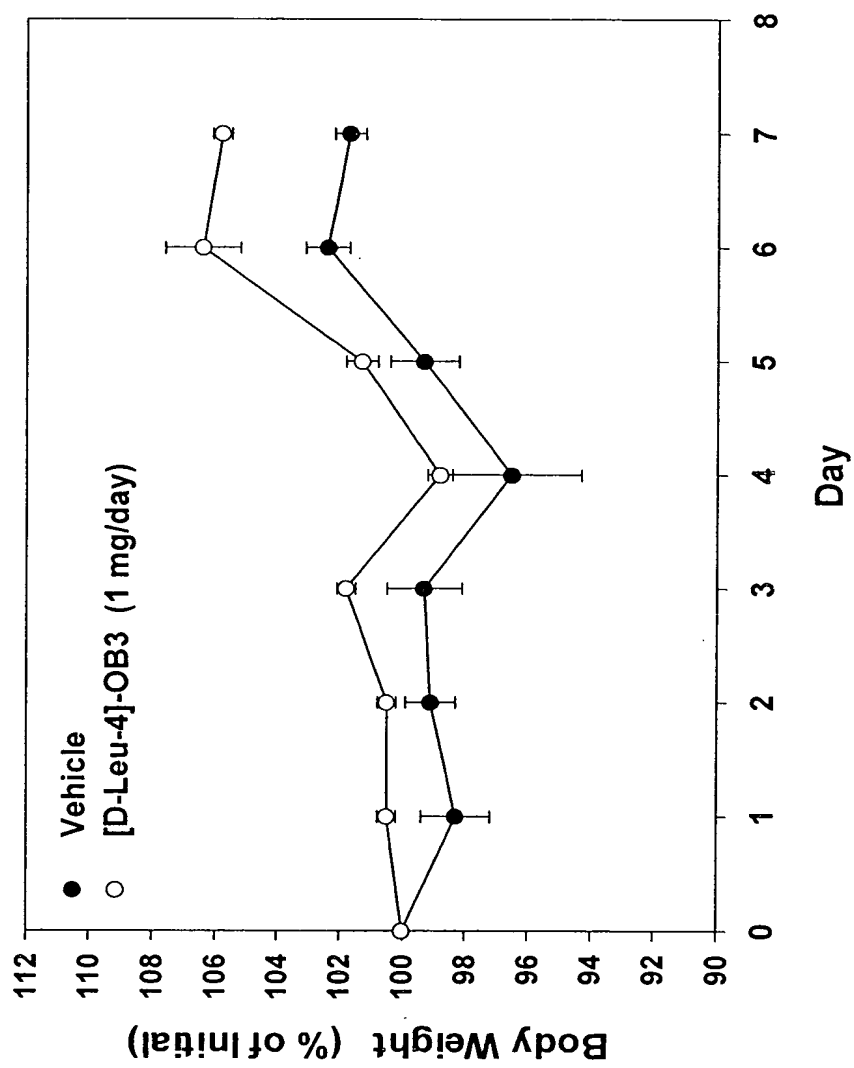


FIG. 17C

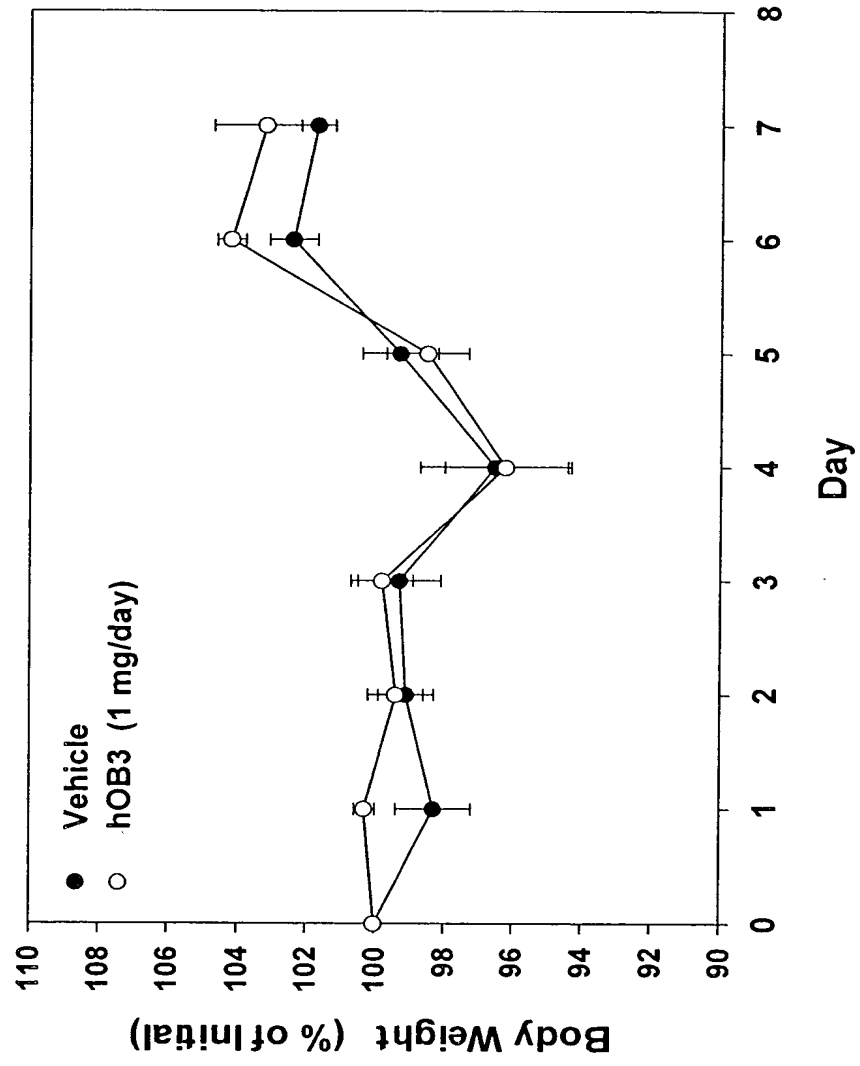




FIG. 17D

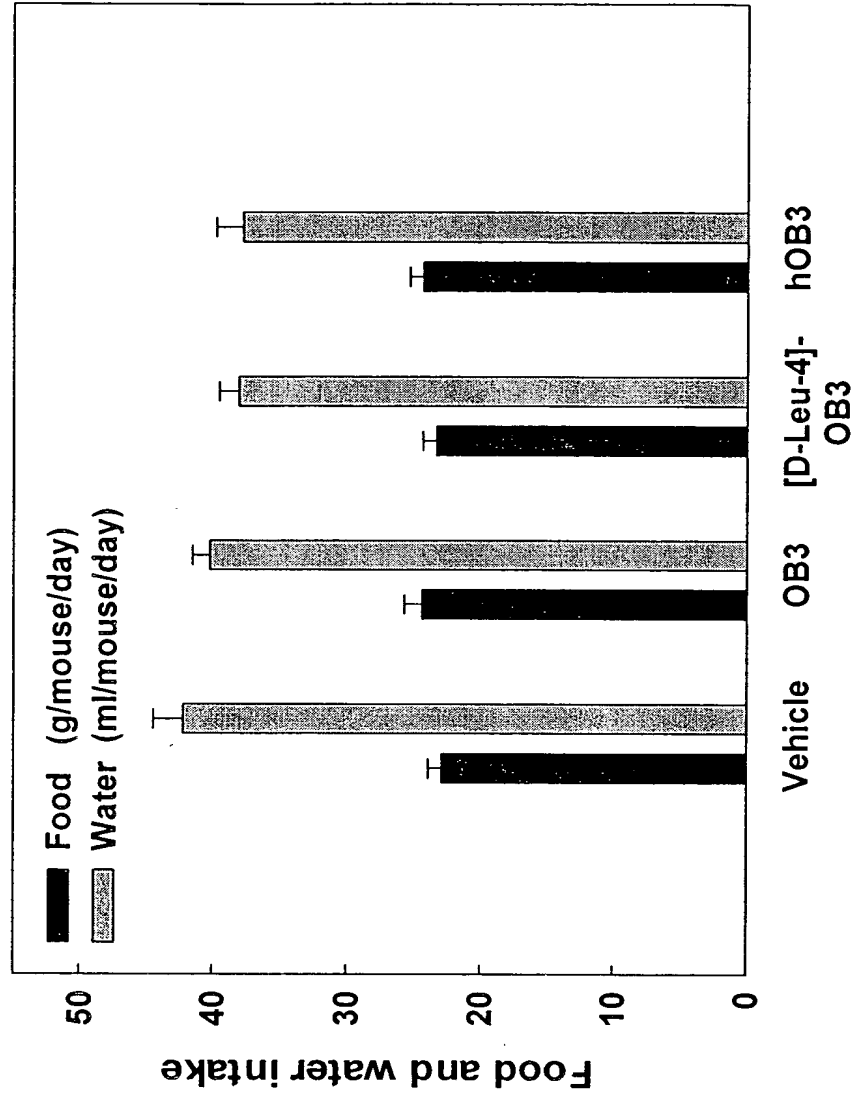
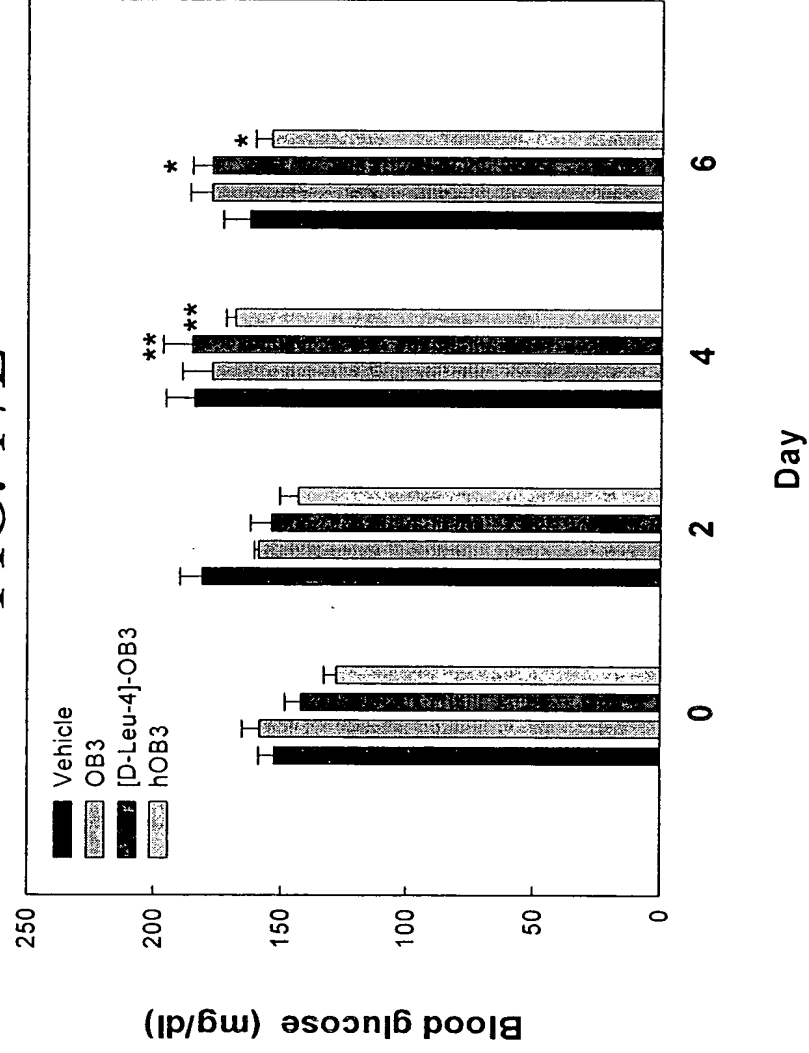


FIG. 17E



Significantly different from glucose level on Day 0 (Dunnett's Multiple Range Test)

\*\* P < 0.01

\* P < 0.05

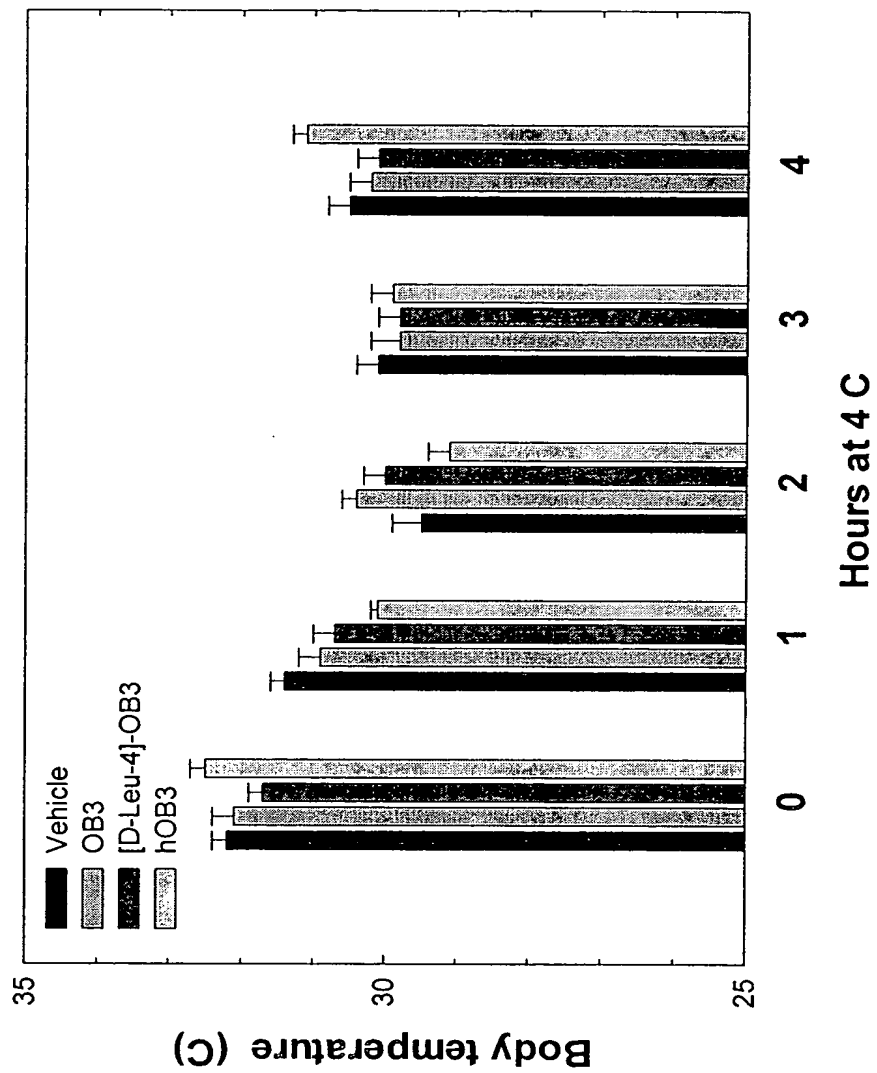


FIG. 17F

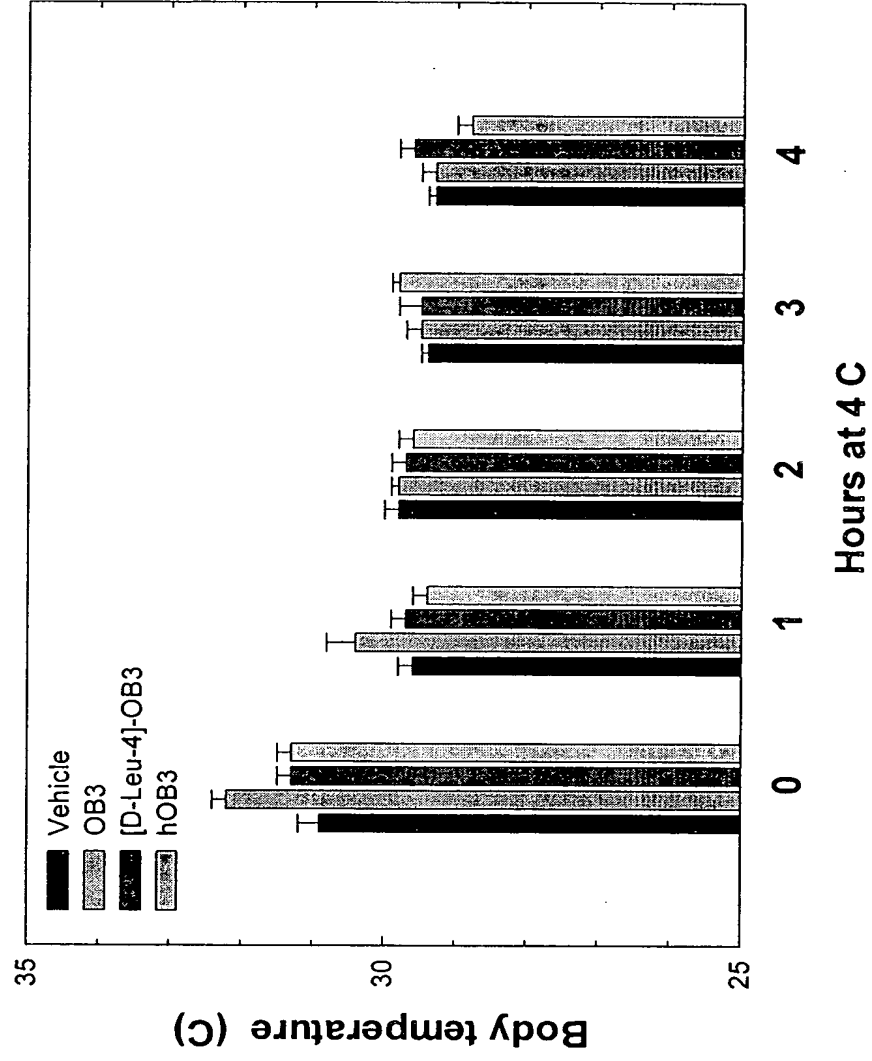


FIG. 17G

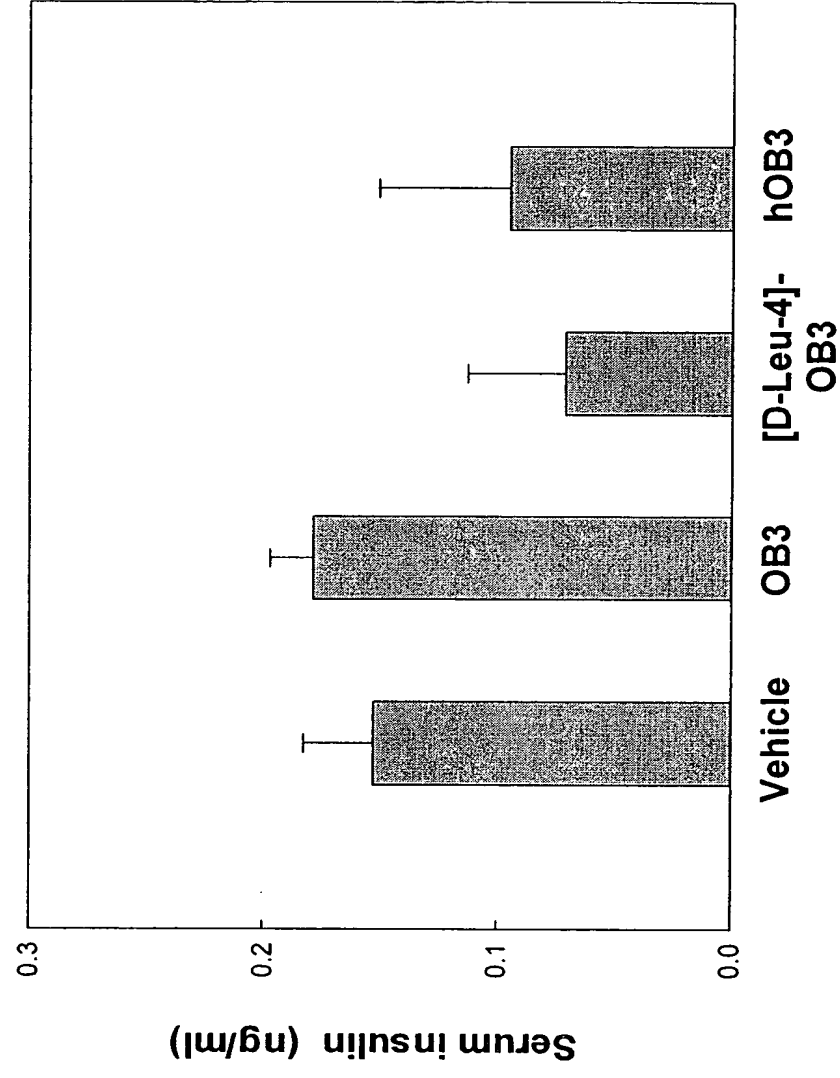


FIG. 17H

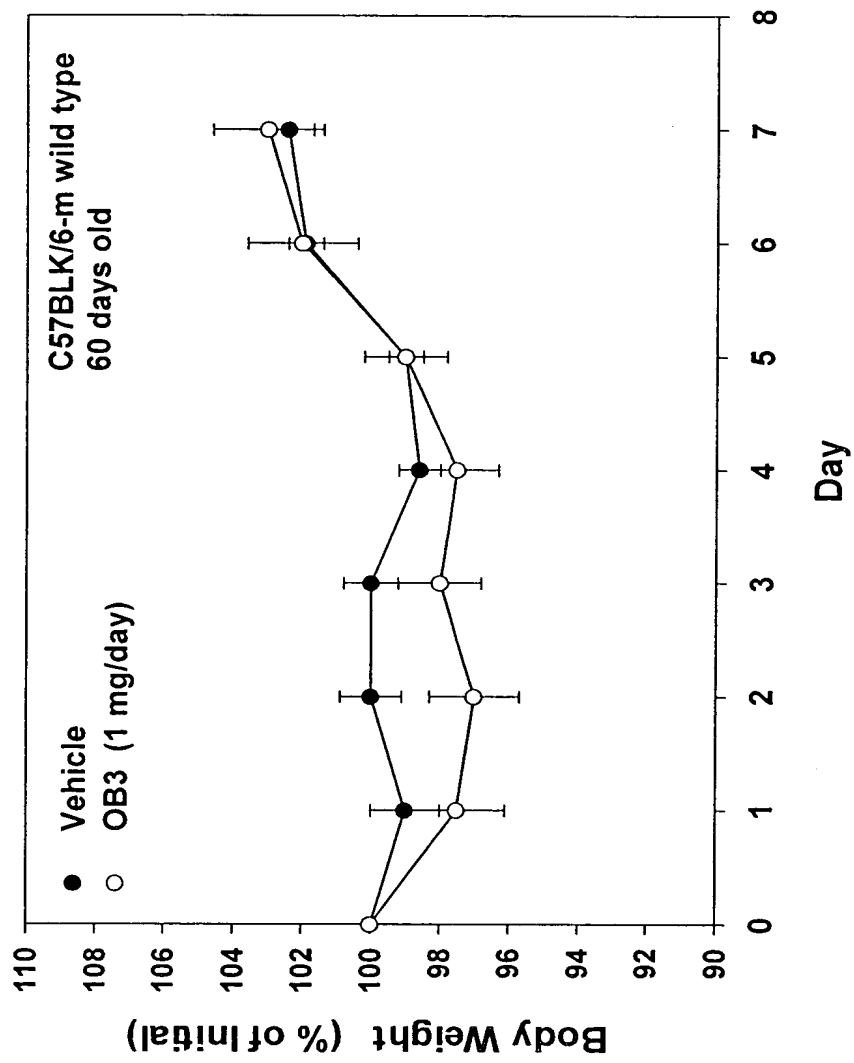


FIG. 18A

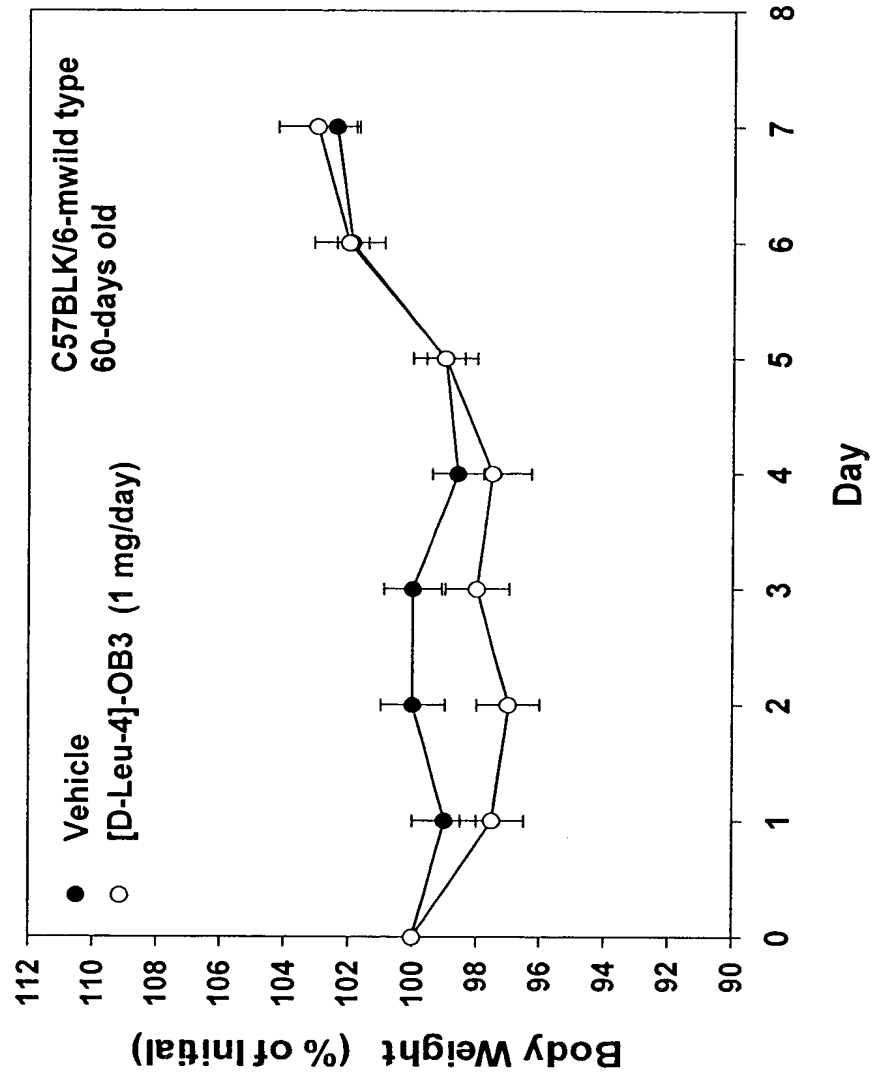


FIG. 18B

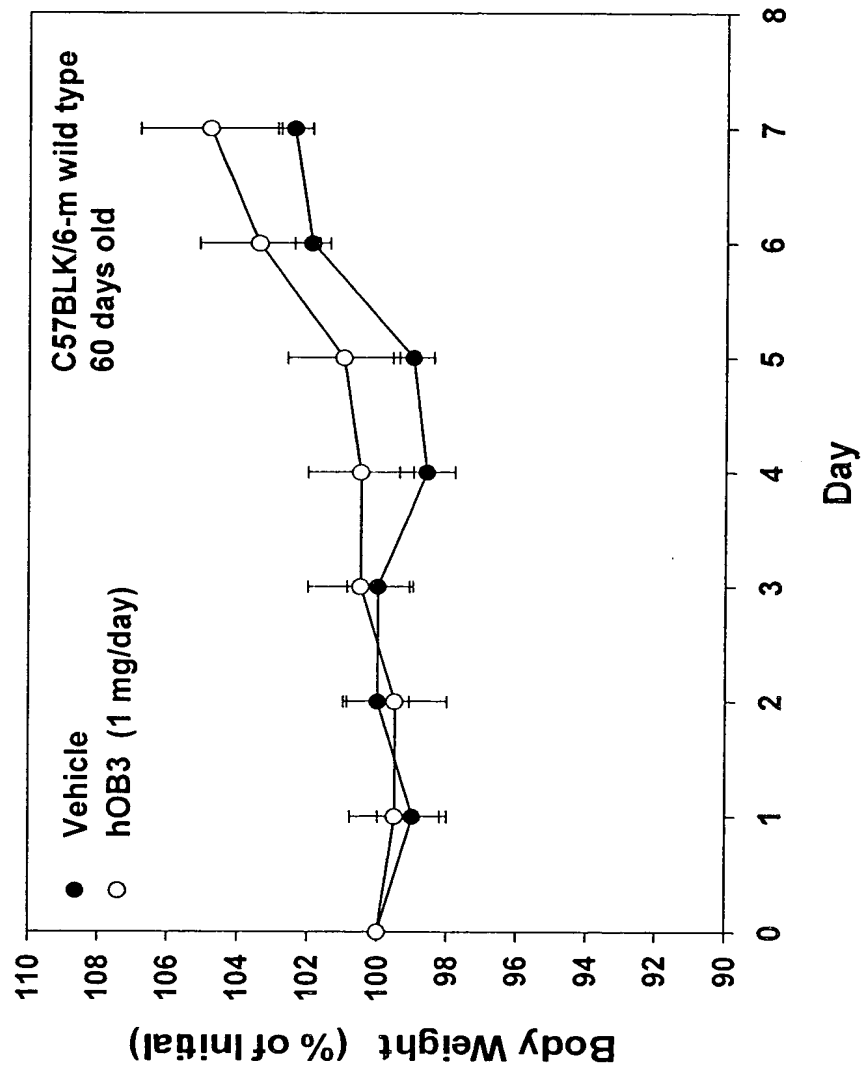


FIG. 18C



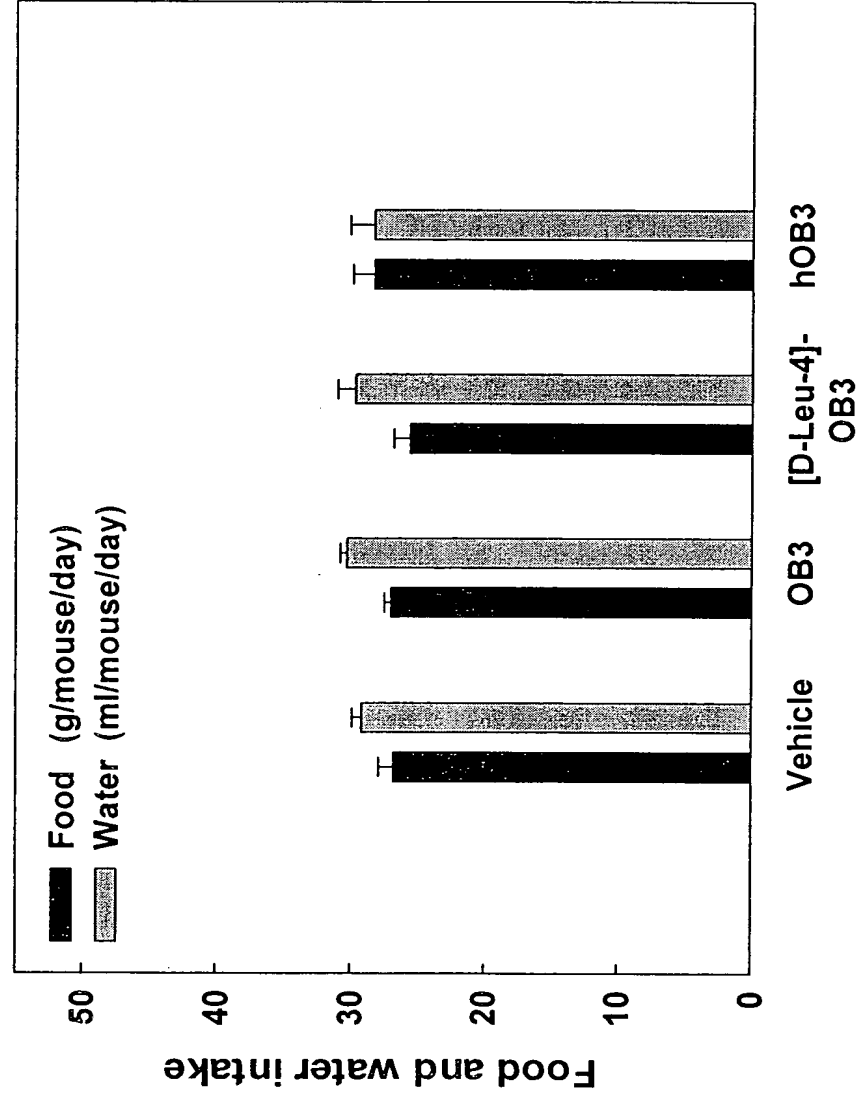
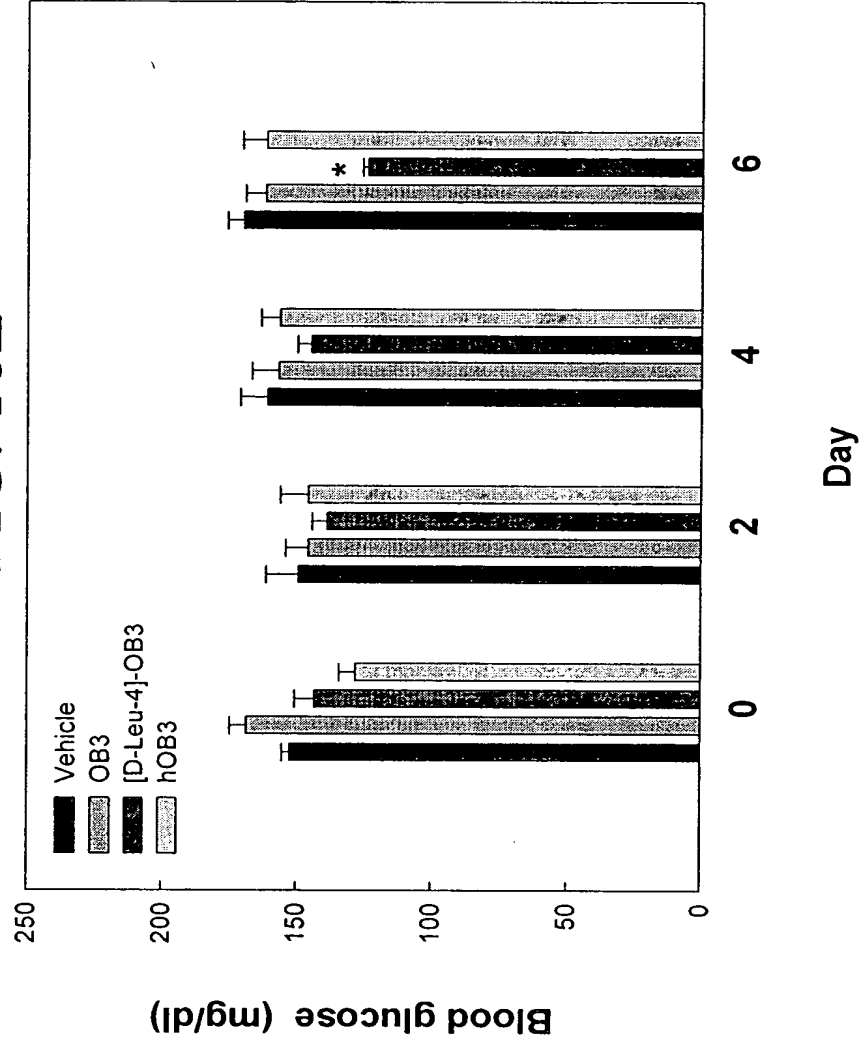


FIG. 18D

FIG. 18E



\*  $P < 0.01$ : Significantly different from blood glucose level on Day 0  
(Dunnett's Multiple Range Test)

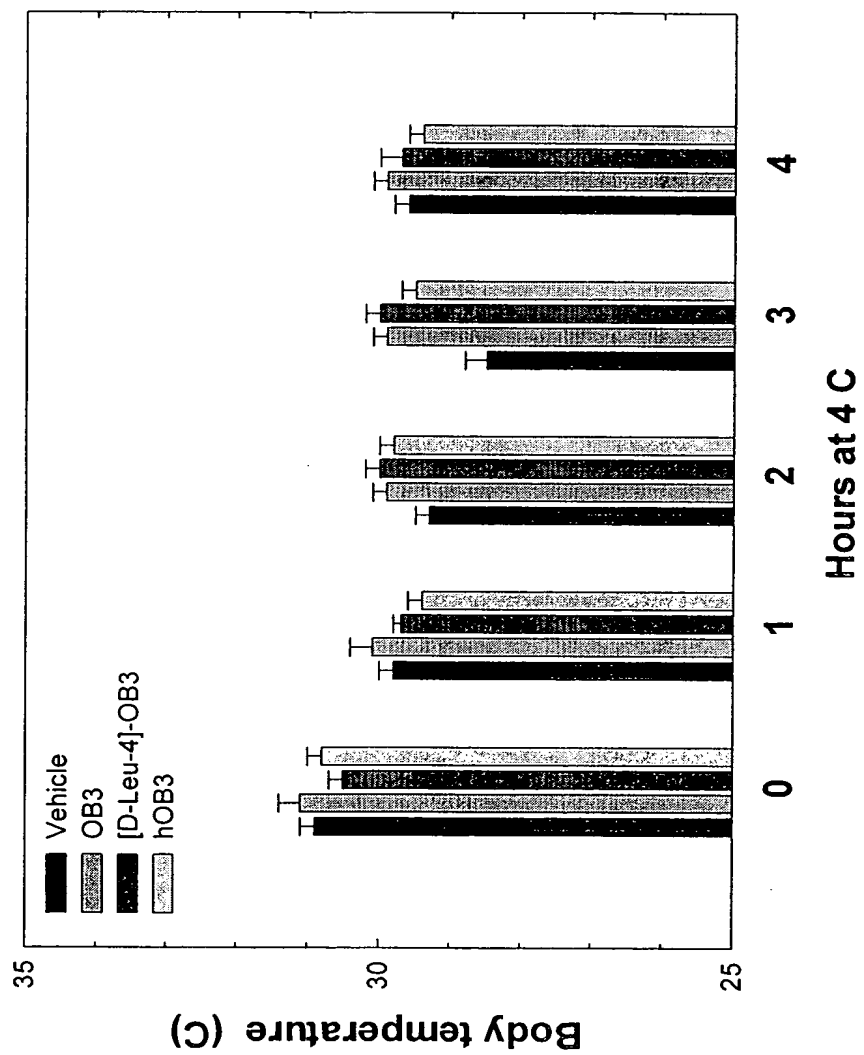


FIG. 18F

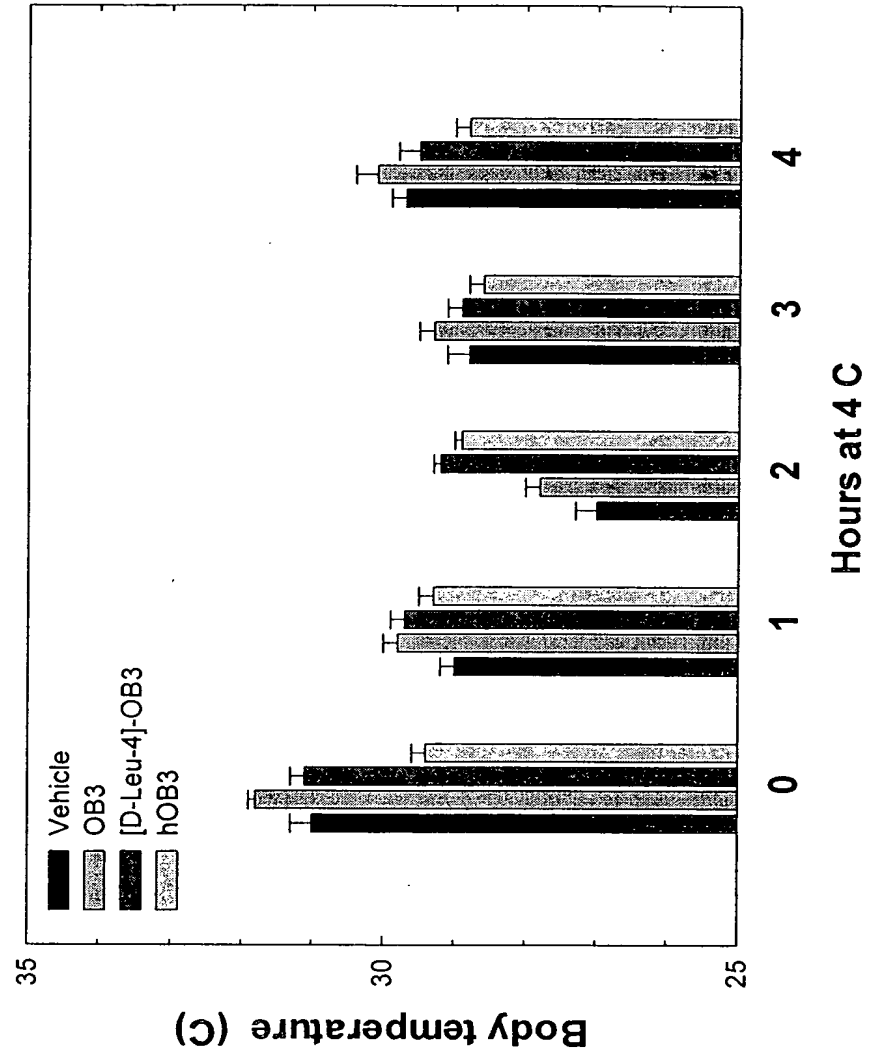


FIG. 18G

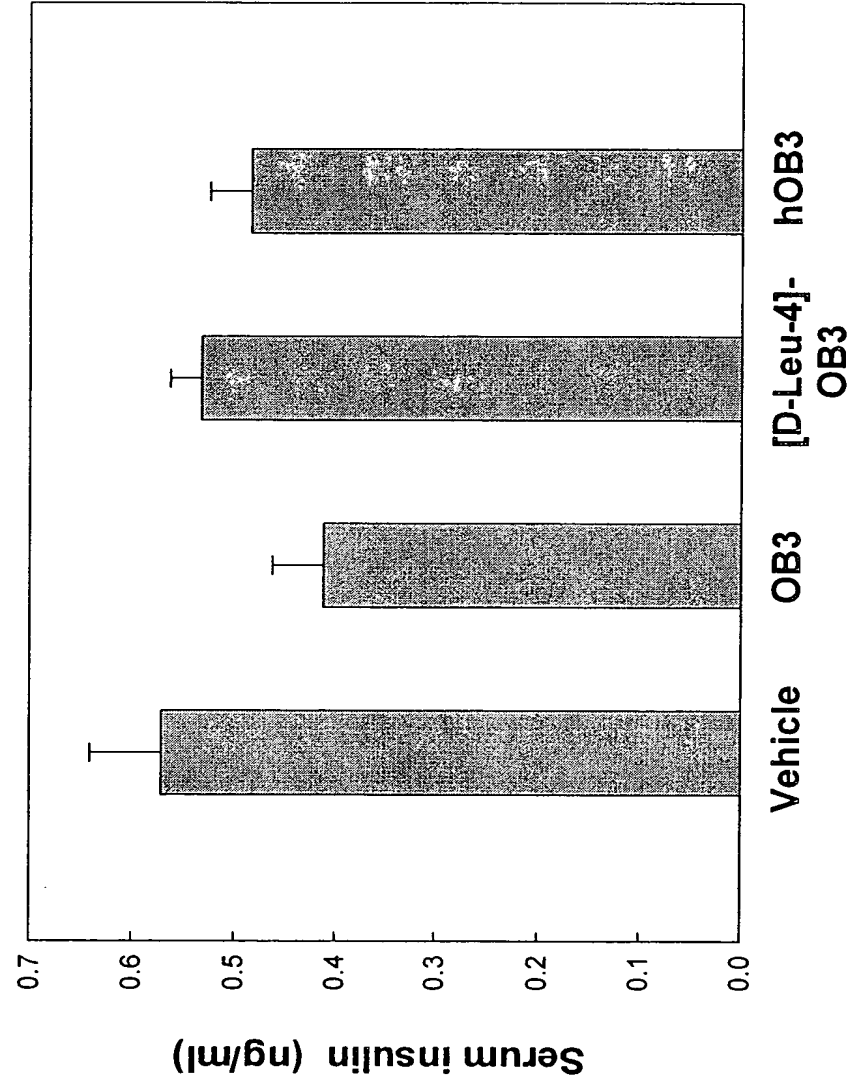


FIG. 18H